

BRHP Database

Developed for Bi-State Regional Housing Partnership

Technical Documentation

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Developed by:
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Development of the Bi-State Regional Housing Partnership Database

Technical Documentation

Introduction

The Bi-State Regional Housing Partnership Database consists of population and housing data tabulations that were derived from the 1990 and 2000 Censuses. The Database was developed for the Bi-State Regional Housing Partnership (BRHP) by staff at the Population Research Center (PRC), Portland State University. The Database was created to provide data that are readily available for the use of examining the demographic and socioeconomic composition and trends of the Portland-Vancouver metropolitan region and its sub-areas. The data tables facilitate the analysis of regional and sub-regional change in population and housing characteristics that occurred between 1990 and 2000. The information obtained from the Database will primarily be used to conduct regional and community assessments and to help determine the need for affordable housing.

The data in the Database were compiled for multiple geographic areas within the metropolitan area. They are: the entire region, treated as one entity; each of the individual four counties that make up the region (Clackamas, Multnomah, and Washington Counties in Oregon; and Clark County in Washington); and all of the cities, parts of cities, and unincorporated areas that are located in each of the counties.

Based on requests from BRHP affiliates, the BRHP Database is comprised of data for variables that were selected during a series of meetings with members of BRHP and PRC staff. The project was funded by an EDI grant from HUD.

Contents of the BRHP Database

The Database houses univariate and multivariate data that were obtained from the U.S. Census. The data were tabulated and grouped together into four main categories: population, housing, income, and employment.

The tables in the Database consist of data values for 1990 and 2000 that were obtained from the Census counts. These values are reported for the variables selected by BRHP, and for subsets, or sub-categories, of these same variables. A complete list of the data tables included in the Database is in Appendix 1.

The BRHP Database data tables also hold values that were calculated by PRC for purposes of presenting compositional and comparative characteristics of the geographic areas in the region. These calculated values are:

- the absolute (number) and relative (percent) change during 1990-2000 (see Ex. 1 below).

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- the share, or proportion, of the total count in a geographic area that a subset, or sub-category, that the data represent in the table for the same area (see Ex. 1 below).
- the share of the total count for the whole 4-County region that the count for a geographic sub-area in the region signifies (see Ex. 2 below); and
- the rank that the data value of a geographic area holds in the metropolitan region (see Ex. 2 below).

Ex. 1

H01A. Units in Structure (Universe: Housing Units)	Vancouver				Clark Co							
	Number		Share of Total		Change 1990-2000		Number		Share of Total		Change 1990-2000	
	1990	2000	1990	2000	Number	Percent	1990	2000	1990	2000	Number	Percent
1 Detached	10,618	33,381	50.5%	55.6%	22,763	214.4%	61,187	90,081	65.9%	67.2%	28,894	47.2%
1 Attached	807	2,896	3.8%	4.8%	2,089	258.9%	2,655	4,583	2.9%	3.4%	1,928	72.6%
2	2,709	3,663	12.9%	6.1%	954	35.2%	4,515	4,914	4.9%	3.7%	399	8.8%
3 or 4	1,305	3,600	6.2%	6.0%	2,295	175.9%	3,105	4,803	3.3%	3.6%	1,698	54.7%
5 to 9	1,270	4,555	6.0%	7.6%	3,285	258.7%	3,965	6,203	4.3%	4.6%	2,238	56.4%
10 to 19	1,180	3,128	5.6%	5.2%	1,948	165.1%	4,549	4,418	4.9%	3.3%	-131	-2.9%
20 to 49	1,137	2,147	5.4%	3.6%	1,010	88.8%	2,311	3,032	2.5%	2.3%	721	31.2%
50 or more	1,561	5,101	7.4%	8.5%	3,540	226.8%	2,708	6,847	2.9%	5.1%	4,139	152.8%
Mobil Home or Trailer	326	1,546	1.6%	2.6%	1,220	374.2%	7,320	8,833	7.9%	6.6%	1,513	20.7%
Other (Boat, RV, Van, Etc)	112	37	0.5%	0.1%	-75	-67.0%	534	316	0.6%	0.2%	-218	-40.8%
Total	21,025	60,054	100.0%	100.0%	39,029	185.6%	92,849	134,030	100.0%	100.0%	41,181	44.4%

Ex. 2

P01B. Age by Sex (Universe: Persons)	Hillsboro						Sherwood					
	Number		Share of Region		Rank in Region		Number		Share of Region		Rank in Region	
	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000	1990	2000
Male:	18,582	36,047	2.7%	4.1%	5	5	1,491	5,758	0.2%	0.6%	23	17
Under 5 years	1,701	3,403	3.2%	5.3%	5	4	108	708	0.2%	1.1%	25	12
5 to 9 years	1,769	2,823	3.3%	4.3%	4	4	135	552	0.3%	0.8%	23	16
10 to 14 years	1,578	2,442	3.1%	3.8%	4	5	115	411	0.2%	0.6%	23	19
15 to 17 years	836	1,522	3.0%	4.0%	4	4	82	206	0.3%	0.5%	22	21
18 and 19 years	534	1,056	2.9%	4.4%	5	4	39	86	0.2%	0.4%	24	23
15 to 19 years	1,370	2,578	3.0%	4.2%	4	4	121	292	0.3%	0.5%	23	21
20 years	252	529	2.7%	4.6%	5	5	27	46	0.3%	0.4%	21	21

For detailed information about the structure of the Database and how it operates, see the separate document, *Instructions for Accessing and Using the Bi-State Regional Housing Partnership Database*, in Appendix 2. The instructions are also included as a separate file on the BRHP Database CD.

Geographic areas for which data are reported in the BRHP Database are listed below. Data provided for every variable are in identical format for each of the individual geographic areas.

Geographic Areas for which Data are Reported

4-County region as a whole,

Each county and individual places*
within:

Clackamas County

Barlow
Canby
Estacada
Gladstone
Happy Valley
Johnson City
Lake Oswego (part-majority)
Milwaukie (part-majority)
Molalla
Oregon City
Rivergrove (part-majority)
Sandy
West Linn
Wilsonville (part-majority)
Uninc. Clackamas Co. area
Portland (part)
Tualatin (part)

Multnomah County

Fairview
Gresham
Maywood Park
Portland (part-majority)
Troutdale
Wood Village
Uninc. Multnomah Co. area
Lake Oswego (part)
Milwaukie (part)

Washington County

Banks
Beaverton
Cornelius
Durham
Forest Grove
Gaston
Hillsboro
King City
North Plains
Sherwood
Tigard
Tualatin (part-majority)
Uninc. Washington Co. area
Lake Oswego (part)
Portland (part)
Rivergrove (part)
Wilsonville (part)

Clark County

Battle Ground
Camas
La Center
Ridgefield
Vancouver
Washougal
Woodland (part)
Yacolt
Uninc. Clark Co. area
Woodland (part in Cowlitz
County-majority)**

*Places with parts are also reported in total

* **Provided for informational purposes and not included in the regional analysis

Development of the Database Structure

PRC staff designed and developed the structure and operation of the BRHP Database. Below are outlines of the overall procedures that were involved and carried out by PRC to create the Database. Some tasks were carried out simultaneously.

Methods to Obtain Data

1. Identify the data items to include in the Database
 - a. Based on BRHP requests
 - b. identify which 1990 and 2000 Census data in Census tables contain target data
 - c. evaluate the compatibility of 1990 and 2000 Census tables
2. Identify and document the correspondence between 1990 and 2000 Census tables for each *data item* to be included in the Database
3. Determine and develop methods of data conversion and formulas to make 1990 and 2000 census data comparable
 - a. due to differences between the two censuses regarding definitions of terms, and data collection and reporting
4. Construct a master extraction and comparability table consisting of individual data items from the 1990 and 2000 Censuses (see Appendix 3)
 - a. A guide that includes the location of census data items and serves as the foundation for the BRHP Database
 - b. develop consistent definitions for the variables to be included in the Database
 - c. Prepare formulas to combine, collapse, or otherwise convert the data, as necessary, to ensure compatibility between 1990 and 2000
 - d. link 1990 and 2000 census data with identification numbers of tables and columns in the Census summary files
 - determine the “address”, or “address range” for the location of all data items to be accessed in the census summary files
5. Downloading the Census data
 - a. obtain geographic identifiers for all geographic areas in the four-County region (see Appendix 4)
 - b. determine which census summary files to access and document the size and structure of the target census datasets they hold (see Appendix 5)
 - to plan the design of the resource tables that will be used to build the BRHP Database
 - decide which groups of Census tables to download together for subsequent transfer to Excel; spreadsheets in Excel have size limitations

- c. write a series of computer commands (SPSS scripts) to automate the actual extraction of data into workable, organized formats in manageable file sizes (see Appendix 6)
 - SPSS is a statistical computer program that is able to accommodate very large data files
 - The scripts include the address ranges of location of the target data
- d. extract the data from the Census files into SPSS by running the scripts
- e. transfer the data into Excel according to type of variable and size of the datasets

Methods to Prepare the Extracted Data for Tabulation

1. Execute formulas developed in the master extraction and comparability file
 - to collapse, combine, and organize data in preparation for tabulation
2. Identify and label downloaded data
 - convert Census data identifiers into user-friendly labels
3. Data were compiled, formatted, and organized into resource tables in Excel spreadsheets
 - in a configuration that could be used to efficiently fill the data tables in the Database

Methods to develop and manage the operation of the Database

A computer program was created in Microsoft Excel to enable user navigation of the tables in the Database. The navigation application built by writing a series of commands, called 'Macros' written in Microsoft Visual Basic for Applications (a computer language). The application operates by the executing the commands in Excel. The Macros provide commands to execute data calculations automatically, retrieve and display data in a format that is readable, and to provide options for the selection of geographic areas and tables to view.

Consistent Methods Used in the Database (common methods to most tables)

Once the data were obtained and organized into Excel spreadsheets, some consistent calculations were made in order to derive some of the values in the data tables.

The Census does not report data for the region that this project pertains to, as one area. Census data are not available for unincorporated areas treated as one entity. The data values for these geographic areas were calculated by combining data that are available at other levels of geography. The results were included in every table in the Database *except* the tables that display median or average values.

Calculating Regional Data Values

The values for the 'Region' were obtained by adding together the corresponding values for Clark, Multnomah, Washington, and Clackamas Counties.

Methods to Calculate Values for Unincorporated County Areas

Data values are not reported in the Census for unincorporated county areas as one geographic unit. The formula to derive data values for this level of geography is shown below:

Unincorporated County Area = County total data value - (sum of all places and place parts that are located in the County)

Methods Used to Calculate Change and Share Data Values

There are three different views in which the data are displayed in the BRHP Database tables. Two of the views, called 'Universe' and 'Region', include values that indicate compositional or comparative characteristics in addition the data counts.

The '**Universe**' view displays calculated values for *absolute change* and *percent change* from 1990 to 2000. The absolute change, indicated by 'Number' in the tables, is the difference in the data count from 1990 to 2000, and was calculated by using the simple equation below.

Absolute Change = 2000 data value – 1990 data value.

The percent change, was calculated using the following formula:

1990 to 2000 percent change = (2000 data value – 1990 data value) / 1990 value

The term *universe* refers to the total count reported in a particular table. The 'Universe' tables also include a calculated value for the *share of the total* (share of the *universe*) that the count in a subset, or sub-category of data, represents in the table.

The formula used to calculate the share of the total is:

Share of Total = Data value / Value of the table's Universe

In addition to presenting the data counts, the tables in the '**Region**' view include the *share of region* and the *rank* of the place in the region.

The share of the region refers to the proportion of the total count for the whole 4-County region that the corresponding count for a geographic sub-area in the region represents. The share is represented as a percentage.

The 'Share in Region' for 1990 and for 2000 were calculated using the formula below.

$$\text{Share in Region} = \text{Place value} / \text{Region Value}$$

Rank refers to the position that the *place* holds in the region, based values of the data. All cities in the study area were ranked. Sometimes the ranks for cities were tied, especially where the numbers are small (as in the case of data for small cities). If rank values for two or more places were tied, all of those places were assigned the same rank. For example, if the housing count for three places was the same and ranked 4th, all would be ranked as 4th, and no other place would be ranked as 5th or 6th.

The third option in which to view the Database tables is '**All Places**'. These tables display only data values (counts), that either are reported by the Census or were calculated by PRC.

Considerations of the BRHP Data

Annexations

When using population and housing data and examining their growth rates and trends, it is important to consider the amount of the population and housing growth that is attributed to a change in the city's geographic boundary due to annexation. Annexations, if large enough, influence growth rates of cities, and of unincorporated county areas. For example, if a city experienced a very high growth rate during 1990-2000, and during the same period the city annexed a large number of persons, that city did not experience a high rate of in-migration necessarily, but an incorporation of a larger area into its jurisdiction, which thereby inflated its growth rate. Population and housing units that were incorporated into the city count, inflated the actual growth rates that typically indicate movement patterns of persons. Conversely, the growth rate of the unincorporated county area was deflated.

Knowledge of the *amount* of annexation may help to explain what facilitates growth of population and housing in an area. The table below displays the cities that experienced annexations anytime during 1990-2000, which counties the cities received annexation from, and the numbers of persons and housing units incorporated into the cities during the time period. In addition, the data show the increase in the responsibility of the jurisdiction due to annexation.

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Cities the Bi-State 4-County region that had Annexations (by County) from 1990 to 2000				
Clackamas County	Population Added *	Total Housing Units Added *	Contribution to Total 1990- 2000 Population Growth **	Contribution to Total 1990- 2000 Housing Growth **
Barlow	0	0	0.0%	0.0%
Canby	45	25	1.2%	1.6%
Estacada	3	1	0.0%	0.0%
Gladstone	18	9	1.4%	1.5%
Happy Valley	523	21	17.4%	2.0%
Johnson City	0	0	0.0%	0.0%
Milwaukie (part)	27 (total city)	10	1.5%	1.1%
Molalla	8	3	0.4%	0.4%
Oregon City	284	95	2.6%	2.1%
Rivergrove	0	0	0.0%	0.0%
Sandy	37	14	3.0%	2.6%
West Linn	41	19	0.7%	0.7%
Wilsonville	375	0	5.4%	0.0%
Total from Uninc. county area to cities:	1,642	265	9.9%	2.8%
Multnomah County	Population Added *	Total Housing Units Added *	Contribution to Total 1990- 2000 Population Growth **	Contribution to Total 1990- 2000 Housing Growth **
Fairview	378	145	7.3%	6.5%
Gresham	2	1	0.0%	0.0%
Lake Oswego (part)	281	67	6.0%	2.7%
Maywood Park	0	0	0.0%	0.0%
Milwaukie (part)	27 (total city)	37		
Portland	42,227	14,662	46.0%	37.6%
Troutdale	6	2	0.0%	0.0%
Wood Village	3	5	6.5%	-7.4% ***
Total from Uninc. county area to cities:	42,924	14,918	-89.2%	-78.7%

* Source: Population Research Center, Population Estimates Program

** Contribution to population growth calculated by dividing the number of persons that were annexed, by the total 1990 to 2000 *change* in the number of persons that were reported by the Censuses to be residing in the city; contribution to housing growth calculated by dividing the number of housing units annexed, by the total 1990 to 2000 *change* in the number of housing units that were reported in the Censuses to be located in the city.

***The decrease is attributed to mobile homes, and/or trailers being moved out of Wood Village.

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Cities the Bi-State 4-County region that had Annexations (by County) from 1990 to 2000, continued				
Washington County	Population Added *	Total Housing Units Added *	Contribution to Total 1990-2000 Population Growth **	Contribution to Total 1990-2000 Housing Growth **
Banks	0	0	none	none
Beaverton	2,468	1,074	10.8%	12.7%
Cornelius	6	3	0.2%	0.3%
Durham	0	0	none	none
Forest Grove	47	18	1.1%	1.1%
Gaston	8	2	21.6%	8.3%
Hillsboro	635	296	1.9%	2.1%
King City	0	0	none	none
North Plains	0	0	none	none
Sherwood	39	20	0.4%	0.6%
Tigard	1,205	843	10.1%	17.6%
Tualatin	101	52	1.3%	1.6%
Total from Uninc. county area to cities:	4,509	2,308	11.0%	13.2%
Clark County	Population Added *	Total Housing Units Added *	Contribution to Total 1990-2000 Population Growth **	Contribution to Total 1990-2000 Housing Growth **
Battle Ground	165	73	3.0%	4.0%
Camas	433	169	7.1%	7.6%
La Center	152	63	12.6%	15.4%
Ridgefield	348	126	40.9%	37.2%
Vancouver	0	0	none	none
Washougal	0	0	none	none
Woodland	0	0	none	none
Yacolt	0	0	none	none
Total from Uninc. county area to cities:	1,098	431	-13.8%	-10.2%

* Source: Population Research Center, Population Estimates Program

** Contribution to population growth calculated by dividing the number of persons that were annexed, by the total 1990 to 2000 *change* in the number of persons that were reported by the Censuses to be residing in the city; contribution to housing growth calculated by dividing the number of housing units annexed, by the total 1990 to 2000 *change* in the number of housing units that were reported in the Censuses to be located in the city.

Other Considerations

Some of the tables in the BRHP Database display data values that were derived from a calculation other than those mentioned previously. Some calculations resulted in numbers with fractions that were rounded-up to the nearest decimal place. The sum of these data values may not be identical to the total value for the same data item in another table where a calculation, or rounding of numbers, was not necessary.

Other tables have a total that is different than the sum of the values in the sub-categories. This situation is due to “double-counting” of Census responses. For example, the data collected by the Census for persons with disabilities (as in Table P14 in the Database) are from a question where more than one response were allowed.

Another consideration to keep in mind when accessing the BRHP Database is that some of the tables display data that are from the 100% count, and other tables show sample data. In cases where more than one table pertains to the same variable, the values may not be the same. For example, the total number of housing units shown in two different tables may not be identical. For example, in the 100% count, the total number of housing units in the city of Barlow is 39. In the sample data, Barlow is reported to have 35 housing units (Table H01 in the BRHP Database). For a more detailed discussion about the differences in datasets, see the Data Sources and Census Data Information section below.

Data Sources and Information about Census Data

Data Sources

All of the data used to build the Database were obtained from 1990 and 2000 U.S. Census files. The 1990 data were obtained from Summary Tape Files 1 (STF1) and Summary Tape File 3 (STF3); the 2000 data are from Summary File 1 (SF1) and Summary File 3 (SF3).

For a complete list of tables in the database and their sources, please see the Appendix 1 at the end of this document.

Census Data

The data in STF1 (1990) and SF1 (2000) are obtained from responses to questions asked of 100 percent of the population. The data in STF3 and SF3 are collected from responses from only a portion, or a *sample*, of the same population. The sample population, the persons in one out of every six households, is given a longer questionnaire (the “long form”) to return. The long form contains many more questions than the questionnaire given to the rest of the population (called the “short form”). Thus, STF3 and SF3 have additional data variables included than the data files from the 100 percent population count.

The responses from the questionnaire given to the sample population are used to *estimate* data values that pertain to the same and corresponding population reported in SF1. Because of the difference in the method of data collection (*and reporting*), the data values in SF1 are not always the exact the same number as reported in SF3 for the same data item and population (universe). As a result, some data items may not be directly comparable.

In the 2000 Census, fewer questions were given to 100% of persons and households than in 1990. The data items that appeared in the 1990 100% count questionnaire, but not in the corresponding 2000 questionnaire were marital status, the number of units in housing structures, number of rooms in housing units, the value of home, and monthly rent.

Another difference between the two Censuses concerns the question on race. The 2000 Census has more detail than 1990. Respondents in 2000 were able to choose more than one race. The result is that there are now 63 different racial categories reported in the 2000 dataset, representing combinations of the six major racial groups (White, Black, Asian, American Indian/Alaskan Native, Hawaiian Native/Pacific Islander, and Other). In order to compare the racial composition of the population in 1990 and in 2000, estimation of racial groups is now required.

The differences in collection and reporting methods between the 1990 and 2000 Censuses (including those mentioned above) that must be considered when working with the datasets together are summarized below.

- 1) Some questions in the 1990 short form were moved to the long form in 2000.
 - In one BRHP Database table, data from STF1 (1990) tables have been used to compare with data from SF3 (2000). In these cases, **the affect is minimal** in this Database. The difference of the results between the 100% count and the sample count may be seen by comparing the population total in Census table P1 in SF1 and the total in table P2 in SF3. The numbers are only slightly different.
- 2) Definitions for some variables have changed.
- 3) There is a difference in some of the questions asked resulting in data being available in one Census, but not the other.

Because of the differences between 1990 and 2000 Census data, the following accommodations were made:

- Report either 1990 or 2000 data only in separate tables;
- Do not report all of the available data in a table; display only the comparable data;
- report sample data for both 1990 and 2000 even if 100% count data were available for 1990 (in cases where there were no 100% count data for 2000)

- estimate values by making assumptions for selected tables and regrouping data counts;
- insert a comment in the Database table on the 'All Places' pages, where appropriate, about any cautions regarding the data.

Specific Tables in the BRHP Database that are not Directly Comparable due to the Census Changes

There was only one table in the Database that contains data that were collected from the 100% count in 1990, and from the sample count in 2000

- Tenure by occupants per room STF1 (1990); SF3 (2000)

Tables that were affected by a change in definitions are listed below.

- Year of Entry
- Means of Transportation to Work
- Hispanic Origin by Race
- Units in Structure
- Age of housing structure by year
- Duration in housing unit by years
- Tenure by telephone service
- Group Quarters population
- Class of Worker

There are additional data items included in the 2000 Census that were not collected in 1990. Data for variables that are available in the 2000 data, but not in 1990 include:

- Tenure by household type, including living alone, by age of householder
- Tenure by household income
- Tenure by poverty status, by receipt of public assistance income
- Tenure by poverty status, by receipt of social security income
- Tenure by selected physical and financial conditions
- Sex by school enrollment by age (for the population 3 years and over)
- Sex by Age by Disability by Employment Status
- Mortgage Status and Selected Monthly Owner Costs
- Family Type by Employment Status
- Year of entry by citizenship
- Age by type of disability
- Grandparents as care givers
- Mortgage status (second mortgages)

- Real estate taxes
- Travel Time to Work by Means of Transportation to Work
- Aggregate Travel Time to Work by Travel Time by Means of Transportation to Work

Some of the data, from either the 1990 or 2000 Census, or both, required adjusting so that comparisons could be made between the two time periods. The following data tables required adjusting:

- Population by race and Hispanic origin.
- Hispanic origin by race
- Household income
- Rent
- Owner Housing Costs
- Housing Value

The methods used to adjust the data in the Database are described below and are listed by individual table.

Additional Notes for Selected Individual BRHP Database Tables

Most 1990 and 2000 Census data contained in the BRHP Database are directly comparable. For those tables that contain data where comparability may be an issue, or tables that required some adjustments to be made, additional information that may help to understand and use the data are mentioned by individual table below. The notes for the tables below are arranged according to the table set they correspond to in the Database.

Population Table Set

BRHP Database table #: P02 Hispanic Origin by Race

Census Table: STF1: P1 (1990) SF1: P4 (2000)

Method: The data in these tables are the result of regrouping data in the racial categories; the total for Hispanic population includes all persons who identified themselves to be Hispanic and White, Black or “other” race. Hispanic does not include persons identified as ‘other race’ in 1990 and ‘two-or-more races’ in 2000 (to eliminate double counting). See Appendix 3 for the formulas used to recalculate the values for the race and Hispanic Origin.

Data Notes: Data are comparable after recalculation

BRHP Database table #: P06 Sex by School Enrollment by Age

Census Table: SF3: PCT 23 (2000)

Data Notes: 1990 does not have a comparable table.

BRHP Database table #: P10 Year of Entry

Census Table: STF 3: P36 (1990) SF3: P22 (2000).

Data Notes: Data may not be directly comparable.

The ‘year of entry’ questions in the 1990 and the 2000 Census questionnaires were phrased differently. In 1990, the question was asked, “When did the person come to the United States *to stay*?” In 2000, ‘*to stay*’ was replaced with ‘*to live*’.

The 1990 Census provided a fixed number of response categories in the questionnaire while the one used in 2000 provided a fill-in blank.

BRHP Database table #: P12 Year of Entry by Citizenship

Census Table: SF3: P23 (2000)

Data Notes: 1990 does not have a comparable table.

BRHP Database table #: P15 Age by Type of Disability

Census Table: SF3: P41 (2000)

Data Notes: 1990 does not have a comparable table.

BRHP Database table #: P16 Sex by Age by Disability and Employment Status

Census Table: SF3: P42 (2000)

Data Notes: 1990 does not have a comparable table.

Housing Table Set

BRHP Database table #: H01 Units in Structure

Census Table: STF3: H2 (1990), SF3: H3 (2000)

Data Notes: 2000 data does not include the categories “other” and “mobile home/trailer”. “Other” (1990) was replaced by “boat, RV, van, etc.” (2000), “mobile home/trailer” (1990) was replaced by “mobile home” (2000).

BRHP Database table #: H03 Age of Housing Structure (in Years)

Census Table: STF3: H25 (1990) SF3: H34 (2000)

Data Notes: The data are categorized by the year the housing structure was built and regrouped according to the age of the structure. After adjustment of the data, a direct comparison may be made.

BRHP Database table #: H05 Duration of Householder in Housing Units by Tenure (in years)

Census Table: STF3: H29 (1990) SF3: H38 (2000)

Data Notes: Data were categorized by the year the householder moved into the unit and regrouped by the duration of stay. After adjustment of the data, a direct comparison may be made.

BRHP Database table #: H10 Telephone Service by Tenure by Age

Census Table: STF3: H35 (1990), SF3: H43 (2000)

Data Notes: Data may not be directly comparable.

In 1990 the Census question asked if there was a phone *in the house*; in 2000, the question was on *whether phone service was available* (a phone in working order: able to make and receive calls).

BRHP Database table #: H21 Tenure by Household Type by Age of Householder

Census Table: SF3: H19 (2000)

Data Notes: 1990 does not have a comparable table.

BRHP Database table #: H22 Tenure by Selected Physical and Financial Char.

Census Table: SF3: HCT 28 (2000)

Data Notes: 1990 does not have a comparable table.

BRHP Database table #: H23 Tenure by Occupants per Room.

Census Table: STF1: H22 (1990) SF3: H20 (2000)

Method: 1990 data are from STF 1 (100%) tables; 2000 data are from the SF3 (sample data) tables.

Data Notes: Data may not be directly comparable.

BRHP Database table #: H26 Group Quarters

Census Table: STF 1: P28 (1990), SF 1: PCT16 (2000):

Data Notes: Data are comparable.

The data in the 2000 Census are available in more detailed categories than in 1990.

Although there are data with fewer categories, the 1990 Census provides tabulations for corresponding data items and the definitions are consistent.

Method

A compatible 'other' category was created for the 2000 data by combining the 'institutionalized persons' in the available sub-categories; the result was then subtracted from the total of 'all institutionalized persons'.

'Non-institutionalized persons' in the 1990 data are the sum of the 'other' category plus the 'persons found in emergency shelters' and 'persons visible on the streets' to coincide with the 'non-institutionalized persons' category in 2000 (which doesn't have 'persons found in emergency shelters' and 'persons visible on the streets').

BRHP Database table #: H28 Grandparent Responsible for Basic Needs

Census Table: SF3: PCT8 (2000)

Data Notes: 1990 does not have comparable data.

PCT8 is new to the 2000 Census.

Income Table Set

BRHP Database table #: I09 Poverty by Household by Age of Householder

Census Table: SF3: P92 (2000)

Data Notes: 1990 does not have a comparable table.

BRHP Database table #: I11 Tenure by Household Income

Census Table: SF3: HCT11 (2000)

Data Notes: 1990 does not have a comparable table.

BRHP Database table #: I12 Tenure by Poverty by Receipt of Public Assistance Income

Census Table: SF3: HCT 25 (2000)

Data Notes: 1990 does not have a comparable table.

BRHP Database table #: I13 Tenure by Poverty by Receipt of Social Security Income

Census Table: SF3: HCT26 (2000)

Data Notes: 1990 does not have a comparable table.

BRHP Database table #: I15 Household Income (1999 dollars)

Census Table: STF3: P80 (1990), SF3: P52 (2000)

Method: To compare 1989 to 1999 household income, an adjustment for inflation was first made to the dollars in the ranges of the original 1999 income amounts. The dollars in the ranges of income amounts were multiplied by the consumer price index (CPI) obtained from the Oregon Employment Department for the period 1989 to 1999 (CPI=1.345). The households (still distributed in the original dollar ranges, but with the dollars inflated to 1999) were then regrouped so that the ranges of income dollar amounts were the same for both 1990 and 2000.

Data Notes: Data are comparable after adjustment. Data reported for both 1990 and 2000 are in 1999 dollars for comparison purposes.

The data values in each income category represent the number of households in the Census year (1990 or 2000) with household income reported for the previous year (1989 or 1999).

BRHP Database table #: I16 Median Household Income (1999 dollars)

Census Table: STF3: P80A (1990), SF3: P53 (2000)

Method: To compare 1989 to 1999 median household income, an adjustment for inflation was made. The median income reported in 1990 for 1989, was multiplied by the consumer price index (CPI) obtained from the Oregon Employment Department for the period 1989 to 1999 (CPI=1.345).

Data Notes: Data are comparable after adjustment. Data reported for both 1990 and 2000 are in 1999 dollars for comparison purposes.

Median Household income was calculated by the number of households in the Census year (1990 or 2000) with household income reported for the previous year (1989 or 1999).

BRHP Database table #: I17 Household Income by Owner Costs as Percent of Income

Census Table: STF3: H59 (1990), SF3: H97 (2000)

Data Notes: 1990 data do not contain all the variables that are available in 2000.

BRHP Database table #: I18 Household Income by Gross Rent as Percent of Income

Census Table: STF3: H50 (1990), SF3: H73 (2000)

Data Notes: 1990 data does not contain all the variables that are available in 2000.

BRHP Database table #: I20 Housing Value for Owner Occupied Housing Units (1999 dollars)

Census Table: STF3: H61 (1990), SF3: H74 (2000)

Method: To compare 1989 to 1999 housing value, an adjustment for inflation was first made to the dollars in the ranges of the original housing value amounts. The dollars in the housing value ranges were multiplied by the consumer price index (CPI) obtained from the Oregon Employment Department for the period 1989 to 1999 (CPI=1.345). The owner occupied households (still distributed in the original dollar ranges, but with the dollars inflated to 1999) were then regrouped so that the ranges of housing value dollar amounts were the same for both the 1990 and the 2000 data.

Data Notes: Data are comparable after adjustment. Data reported for both 1990 and 2000 are in 1999 dollars for comparison purposes.

The data values in each housing value category represent the number of households in the Census year (1990 or 2000) with housing value reported for the previous year (1989 or 1999 housing value).

BRHP Database table #: I21 Median Housing Value for Owner Occupied Housing Units (1999 dollars)

Census Table: STF3: H61A (1990), SF3: H76 (2000)

Method: To compare 1989 to 1999 median household income, an adjustment for inflation was made. The median income reported in 1990 for 1989, was multiplied by the

consumer price index (CPI) obtained from the Oregon Employment Department for the period 1989 to 1999 (CPI=1.345).

Data Notes: Data are comparable after adjustment. Data reported for both 1990 and 2000 are in 1999 dollars for comparison purposes.

Median Household income was calculated using the number of households in the Census year (1990 or 2000) with household income reported for the previous year (1989 or 1999).

BRHP Database table #: I24 Gross Rent (1999 dollars)

Census Table: STF3: H43 (1990), SF3:H62 (2000)

Method: To compare 1989 to 1999 monthly rent, an adjustment for inflation was first made to the dollars in the ranges of the original rental amounts. The dollars in the ranges of rental amount were multiplied by the consumer price index (CPI) obtained from the Oregon Employment Department for the period 1989 to 1999 (CPI=1.345). Rental households (still distributed in the original dollar ranges, but with the dollars inflated to 1999) were then regrouped so that the ranges of rental dollar amounts were the same for both 1990 and 2000.

Data Notes: Data are comparable after adjustment. Data reported for both 1990 and 2000 are in 1999 dollars for comparison purposes.

The data values in each rent category represent the number of households in the Census year (1990 or 2000) with the monthly rental amount paid in the previous year.

Gross rent includes the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water and sewer) and fuels (oil, coal, kerosene, wood, etc.).

BRHP Database table #: I25 Median Gross Rent (1999 dollars)

Census Table: STF3: H43A (1990), SF3:H63 (2000)

Method: To compare 1989 to 1999 median monthly rent, an adjustment for inflation was made. The median rent reported in 1990 for 1989, was multiplied by the consumer price index (CPI) obtained from the Oregon Employment Department for the period 1989 to 1999 (CPI=1.345).

Data Notes: Data are comparable after adjustment. Data reported for both 1990 and 2000 are in 1999 dollars for comparison purposes.

Median monthly rent was calculated by the number of households in the Census year (1990 or 2000) with monthly rent reported for the previous year (1989 or 1999).

BRHP Database table #: I26 Meals Included in Rent

Census Table: STF3: H47 (1990), SF3: H53 (2000)

Data Notes: The 1990 data does not provide the data in age categories as the 2000 does.

BRHP Database table #: I28 Mortgage Status by Specified Monthly Owner Costs with or without a Mortgage

Census Table: STF3: H52 (1990), SF3: H90 (2000)

Method: Households by mortgage status by monthly owner costs in table I27 were added together so that the households in the owner cost dollar categories represent both those with or without a mortgage up to the ‘\$400 or more’ category. Households in the detailed categories higher than \$400, represent those with mortgages only.

Data Notes: No adjustments were made other than combining, or regrouping the data. The households with a mortgage and without a mortgage are included in the owner cost category ‘\$400 and over’ and the in the categories with fewer costs. Only households with a mortgage are included in the detailed cost categories following the ‘\$400 and over’ categories and above. Caution: households with a mortgage are included in the two main sections of this table; households without a mortgage are included in only one section due to costs being lower for those without a mortgage.

BRHP Database table #: I29 Mortgage Status by Specified Monthly Owner Costs with or without a Mortgage (1999 dollars)

Census Table: STF3: H52 (1990), SF3: H90 (2000)

Method: To compare 1989 to 1999 monthly owner housing costs, an adjustment for inflation was first made to the dollars in the ranges of the owner housing cost amounts in table I28. The dollars in the ranges of housing cost amount were multiplied by the consumer price index (CPI) obtained from the Oregon Employment Department for the period 1989 to 1999 (CPI=1.345). The owner occupied households (still distributed in the original dollar ranges in table I28, but with the dollars inflated to 1999) were then regrouped so that the ranges of housing cost dollar amounts were the same for both 1990 and 2000.

Data Notes: Data in table I28 were used to prepare this table (I29). The 1990 and 2000 data are comparable after adjustment for inflation up to the category ‘\$400 or more’. Data are only available for households with a mortgage in detailed categories above \$400. Data reported for both 1990 and 2000 are in 1999 dollars for comparison purposes.

The data values in each housing cost category represent the number of households in the Census year (1990 or 2000) with the monthly owner housing costs paid in the previous year.

Selected monthly owner costs include the sum of payments for mortgages (households with a mortgage), deeds of trust, contracts to purchase, or similar debts on the property (including payments for the first mortgage, second mortgage, home equity loans, and other junior mortgages); real estate taxes; fire, hazard, and flood insurance on the property; utilities (electricity, gas, and water and sewer); and fuels (oil, coal, kerosene, wood, etc.). It also includes, where appropriate, the monthly condominium fees or mobile home costs (installment loan payments, personal property taxes, site rent, registration fees, and license fees).

BRHP Database table #: I30 Mortgage Status by Median Specified Monthly Owner Costs (1999 dollars)

Census Table: STF3: H52A (1990), SF3:H91 (2000)

Method: To compare 1989 to 1999 median monthly owner costs, an adjustment for inflation was made. The median owner costs reported in 1990 for 1989, was multiplied by the consumer price index (CPI) obtained from the Oregon Employment Department for the period 1989 to 1999 (CPI=1.345).

Data Notes: Data are comparable after adjustment. Data reported for both 1990 and 2000 are in 1999 dollars for comparison purposes.

Median monthly owner costs was calculated by the number of households in the Census year (1990 or 2000) with monthly owner costs reported for the previous year (1989 or 1999).

BRHP Database table #: I33 Second Mortgage

Census Table: SF3: H80 (2000)

Data Notes: 1990 does not have a comparable table.

BRHP Database table #: I35 Real Estate Property Tax

Census Table: SF3: HCT 19 (2000)

Data Notes: 1990 does not have a comparable table.

Employment Table Set

BRHP Database table #: E02 Family Type by Employment Status

Census Table: SF3: P44 (2000)

Data Notes: 1990 does not have a comparable table.

BRHP Database table #: E04 Industry (Comparable)

Census Table: STF3: P77 (1990), SF3: P49 (2000)

Data Notes: Industry categories are different in 1990 than in 2000 with few comparable categories for 1990 and 2000. Data are reported for each census year separately in separate tables. The few categories that were determined to have a correspondence are displayed in a third table. See Appendix 3 for details on the correspondence of categories.

BRHP Database table #: E07 & E08 Occupation

Census Table: STF3: P78 (1990), SF3: P50 (2000)

Data Notes: Occupation data are not comparable between the 1990 and 2000 Censuses. Data for each year are reported separately.

BRHP Database table #: E09 Class of Worker

Census Table: STF3: P79 (1990), SF3: P51 (2000)

Data Notes: Data are not directly comparable. The 1990 data do not include a sub-category for self-employed workers as in 2000. The sub-category for 'Private for profit wage and salary workers' in 1990 include self-employed persons that own an incorporated business.

BRHP Database table #: E11 Means of Transportation to Work

Census Table: STF3: P49 (1990), SF3: P30 (2000)

Data Notes: Data are comparable.

The category "other means" refers to any and all other means of transportation that are not listed.

For additional information not mentioned in this document, go to the Census Bureau's web site at www.census.gov. The Census Bureau provides full and more detailed technical documentation for all Census data, including definition of terms used in the data

tables. Copies of the Census technical documentation for the 1990 and 2000 summary files used to prepare the BRHP Database are included on the BRHP Database CD.

Appendix 1

Sources for BRHP Database Tables

Data in the BRHP Database are from the following sources:

U.S. Census Bureau, 1990 and 2000 Census of Population and Housing, STF1 and STF3 (1990); SF1 and SF3 (2000).

The sources are listed for the individual BRHP Database tables below.

Population Tables

BRHP Database Table Number & Name	Census File, Census Table Number
P01 Population by Age and Sex	1990 Data: STF1, P12
	2000 Data: SF1, P12
P02 Hispanic Origin by Race	1990 Data: STF1, P10
	2000 Data: SF1, P03 & P04
P03 Population by Race & Hispanic Origin	1990 Data: STF1, P10
	2000 Data: SF1, P03 & P04
P04 Sex by Marital Status	1990 Data: STF3, P27
	2000 Data: SF3, P18
P05 School Enrollment & Type of School	1990 Data: STF3, P54
	2000 Data: SF3, P36
P06 Sex by School Enrollment by Age	1990 Data: N/A
	2000 Data: SF3, PCT23
P07 Educational Attainment	1990 Data: STF3, P57
	2000 Data: SF3, P37
P08 Age by Language Spoken at Home	1990 Data: STF3, P28
	2000 Data: SF3, P19
P09 Place of Birth by Citizenship Status	1990 Data: STF3, P42
	2000 Data: SF3, P21
P10 Year of Entry	1990 Data: STF3, P36
	2000 Data: SF3, P22
P11 Year of Entry by Length of Stay	1990 Data: STF3, P36
	2000 Data: SF3, P22
P12 Year of Entry by Citizenship	1990 Data: N/A
	2000 Data: SF3, P23
P13 Residence 1985/1995	1990 Data: STF3, P43
	2000 Data: SF3, P24
P14 Disability Status	1990 Data: STF3, P66 & P69
	2000 Data: SF3, P41

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BRHP Database Table Number & Name	Census File, Census Table Number
P15 Age by Type of Disability	1990 Data: N/A
	2000 Data: SF3, P41
P16 Sex by Age by Disability and Employment Status	1990 Data: N/A
	2000 Data: SF3, P42

Housing and Household Tables:

H01 Units in Structure	1990 Data: STF3, H20
	2000 Data: SF3, H30
H02 Year the Structure was Built	1990 Data: STF3, H25
	2000 Data: SF3, H34
H03 Age of Housing Structure (in Years)	1990 Data: STF3, H25
	2000 Data: SF3, H34
H04 Year Householder Moved in by Tenure	1990 Data: STF3, H29
	2000 Data: SF3, H38
H05 Year Householder Moved in by Tenure (in Years)	1990 Data: STF3, H29
	2000 Data: SF3, H38
H06 No. of Rooms in Housing Unit	1990 Data: STF3, H16
	2000 Data: SF3, H23
H07 No. of Bedrooms in Housing Unit	1990 Data: STF3, H31
	2000 Data: SF3, H41
H08 Complete Plumbing	1990 Data: STF3, H64
	2000 Data: SF3, H47
H09 Complete Kitchen	1990 Data: STF3, H42
	2000 Data: SF3, H50
H10 Telephone Service by Tenure by Age	1990 Data: STF3, H35
	2000 Data: SF3, H43
H11 Type of Heating Fuel Used	1990 Data: STF3, H30
	2000 Data: SF3, H40
H12 Vehicles Available by Tenure	1990 Data: STF3, H37
	2000 Data: SF3, H44
H13 Total No. of Households	1990 Data: STF1, P30
	2000 Data: SF1, P15
H14 Household Type	1990 Data: STF1, P16
	2000 Data: SF1, P18
H15 Household Type by Relationship	1990 Data: STF3, P17
	2000 Data: SF3, P09
H16 Household Type by Household Size	1990 Data: STF1, P27
	2000 Data: SF3, P14

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BRHP Database Table Number & Name	Census File, Census Table Number
H17 Housing Units by Tenure	1990 Data: STF1, H03
	2000 Data: SF1, H04
H18 Tenure by Age of Householder	1990 Data: STF1, H12
	2000 Data: SF1, H16
H19 Person Per Housing Unit by Tenure	1990 Data: STF1, H18A
	2000 Data: SF1, H12
H20 Tenure by Household Size	1990 Data: STF1, H18
	2000 Data: SF1, H15
H21 Tenure by Household Type by Age of Householder	1990 Data: N/A
	2000 Data: SF3, H19
H22 Tenure by Selected Physical and Financial Char.	1990 Data: N/A
	2000 Data: SF3, HCT28
H23 Tenure by Occupants per Room	1990 Data: STF1, H22
	2000 Data: SF3, H20
H24 Tenure by Race/Origin of Householder	1990 Data: STF1, H09 & H11
	2000 Data: SF1, H15A-I
H25 Households by Race	1990 Data: STF1, H10
	2000 Data: SF1, H15A-I
H26 Group Quarters	1990 Data: STF1, P28
	2000 Data: SF1, PCT16
H27 Presence of Grandchildren in Household	1990 Data: STF3, P17
	2000 Data: SF3, P09
H28 Grandparent Responsible for Basic Needs	1990 Data: N/A
	2000 Data: SF3, PCT08

Income and Housing Cost Tables:

I01 Interest Dividend or Net Rental Income	1990 Data: STF3, P93
	2000 Data: SF3, P61
I02 Social Security Income	1990 Data: STF3, P94
	2000 Data: SF3, P62
I03 Retirement Income	1990 Data: STF3, P96
	2000 Data: SF3, P65
I04 Public Assistance Income	1990 Data: STF3, P95
	2000 Data: SF3, P64
I05 Other Type of Income	1990 Data: STF3, P97
	2000 Data: SF3, P66
I06 Households with Earnings	1990 Data: STF3, P89
	2000 Data: SF3, P58
I07 Poverty by Age	1990 Data: STF3, P117
	2000 Data: SF3, P87

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BRHP Database Table Number & Name	Census File, Census Table Number
I08 Poverty by Age by Household Type	1990 Data: STF3, P122
	2000 Data: SF3, P89
I09 Poverty by Household by Age of Householder	1990 Data: N/A
	2000 Data: SF3, P92
I10 Poverty by Household by Age of Householder Comparison	1990 Data: STF3, P127
	2000 Data: SF3, P92
I11 Tenure by Household Income	1990 Data: N/A
	2000 Data: SF3, HTC11
I12 Tenure by Poverty by Receipt of Public Assistance Income	1990 Data: N/A
	2000 Data: SF3, HTC25
I13 Tenure by Poverty by Receipt of Social Security Income	1990 Data: N/A
	2000 Data: SF3, HTC26
I14 Household Income	1990 Data: STF3, P80
	2000 Data: SF3, P52
I15 Household Income (1999 Dollars)	1990 Data: STF3, P80
	2000 Data: SF3, P52
I16 Median Household Income (1999 Dollars)	1990 Data: STF3, P80A
	2000 Data: SF3, P53
I17 Household Income by Owner Costs as Percent of Income	1990 Data: STF3, H59
	2000 Data: SF3, H97
I18 Household Income by Gross Rent as Percent of Income	1990 Data: STF3, H50
	2000 Data: SF3, H73
I19 Value for Owner Occupied Housing Units	1990 Data: STF3, H61
	2000 Data: SF3, H74
I20 Value for Owner Occupied Housing Units (1999 Dollars)	1990 Data: STF3, H61
	2000 Data: SF3, H74
I21 Median Housing Unit Value (1999 Dollars)	1990 Data: STF3, H61A
	2000 Data: SF3, H76
I22 Utilities Included in Rent	1990 Data: STF3, H49
	2000 Data: SF3, H68
I23 Gross Rent	1990 Data: STF3, H43
	2000 Data: SF3, H62
I24 1990 Gross Rent (1999 Dollars)	1990 Data: STF3, H43
	2000 Data: SF3, H62
I25 Median Gross Rent (1999 Dollars)	1990 Data: STF3, H43A
	2000 Data: SF3, H63
I26 Meals Included in Rent	1990 Data: STF3, H47
	2000 Data: SF3, H53
I27 Mortgage Status by Specified Monthly Owner Costs	1990 Data: STF3, H52
	2000 Data: SF3, H90

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BRHP Database Table Number & Name	Census File, Census Table Number
I28 Selected Monthly Owner Costs with or without a Mortgage	1990 Data: N/A
	2000 Data: SF3, H98
I29 Sel. Mo. Owner Costs, with or w/out a Mortgage (1999 Dollars)	1990 Data: N/A
	2000 Data: SF3, H98
I30 Mortgage Status and Median Selected Monthly Owner Cost (1999 Dollars)	1990 Data: STF3, H52A
	2000 Data: SF3, H91
I31 Mortgage Status by Monthly Owner Costs	1990 Data: N/A
	2000 Data: SF3, H98
I32 Mortgage Status by Mo. Owner Costs as a % of HH Inc.	1990 Data: STF3, H58
	2000 Data: SF3, H94
I33 Second Mortgage	1990 Data: N/A
	2000 Data: SF3, H80
I34 Aggregate Housing Value (Dollars) by Mortgage Status	1990 Data: STF3, H62
	2000 Data: SF3, H81
I35 Real Estate Property Tax	1990 Data: N/A
	2000 Data: SF3, HCT19
I36 Age of Householder by HH Income	1990 Data: STF3, P86
	2000 Data: SF3, P55

Employment Tables:

E01 Sex by Employment Status	1990 Data: STF3, P07
	2000 Data: SF3, P43
E02 Family Type by Employment Status	1990 Data: N/A
	2000 Data: SF3, P44
E03 Location of Work	1990 Data: STF3, P45
	2000 Data: SF3, P26
E04 Industry (Comparable)	1990 Data: STF3, P77
	2000 Data: SF3, P49
E05 Industry (1990)	1990 Data: STF3, P77
	2000 Data: N/A
E06 Industry (2000)	1990 Data: N/A
	2000 Data: SF3, P49
E07 Occupation (1990)	1990 Data: STF3, P78
	2000 Data: N/A
E08 Occupation (2000)	1990 Data: N/A
	2000 Data: SF3, P50
E09 Class of Worker	1990 Data: STF3, P79
	2000 Data: SF3, P51

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BRHP Database Table Number & Name	Census File, Census Table Number
E10 Sex by Work Status by Hours and Weeks Worked	1990 Data: STF3, P76
	2000 Data: SF3, P47
E11 Means of Transportation to Work	1990 Data: STF3, P49
	2000 Data: SF3, P30
E12 Private Vehicle Occupancy	1990 Data: STF3, P53
	2000 Data: SF3, P35
E13 Time Leaving Home to go to Work	1990 Data: STF3, P52
	2000 Data: SF3, P34
E14 Travel Time to Work	1990 Data: STF3, P50
	2000 Data: SF3, P31
E15 Travel Time to Work by Means of Transportation to Work	1990 Data: N/A
	2000 Data: SF3, P32
E16 Aggregate Travel Time to Work (in minutes) by Means of Transportation to Work	1990 Data: N/A
	2000 Data: SF3, P33

Race Tables:

R01 Pop. By Race & Age: White	1990 Data: STF1, P12
	2000 Data: SF1, P12A-H
R02 Pop. By Race & Age: Black	1990 Data: STF1, P12
	2000 Data: SF1, P12A-H
R03 Pop. By Race & Age: Native American/Alaskan Native	1990 Data: STF1, P12
	2000 Data: SF1, P12A-H
R04 Pop. By Race & Age: Asian/Pacific Islander/Native Hawaiian	1990 Data: STF1, P12
	2000 Data: SF1, P12A-H
R05 Pop. By Race & Age: Other Race	1990 Data: STF1, P12
	2000 Data: SF1, P12A-H
R06 Pop. By Race & Age: 2 or More Races	1990 Data: STF1, P12
	2000 Data: SF1, P12A-H
R07 Pop. By Race & Age: Total Other	1990 Data: STF1, P12
	2000 Data: SF1, P12A-H
R08 Pop. By Race & Age: Hispanic	1990 Data: STF1, P12
	2000 Data: SF1, P12A-H
R09 HH Inc. by Race: White	1990 Data: STF3, P82
	2000 Data: SF3, P151A-F
R10 HH Inc. by Race: Black	1990 Data: STF3, P82
	2000 Data: SF3, P151A-F
R11 HH Inc. by Race: Native American/Alaskan Native	1990 Data: STF3, P82
	2000 Data: SF3, P151A-F

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BRHP Database Table Number & Name	Census File, Census Table Number
R12 HH Inc. by Race: Asian/Pacific Islander/Native Hawaiian	1990 Data: STF3, P82
	2000 Data: SF3, P151A-F
R13 HH Inc. by Race: Other Race	1990 Data: STF3, P82
	2000 Data: SF3, P151A-F
R14 Tenure of HHLDR by Race, Eth. & Age: White	1990 Data: N/A
	2000 Data: SF1, H16A-H
R15 Tenure of HHLDR by Race, Eth. & Age: Black	1990 Data: N/A
	2000 Data: SF1, H16A-H
R16 Tenure of HHLDR by Race, Eth, Age: Nat.Amer./Alask. Nat.	1990 Data: N/A
	2000 Data: SF1, H16A-H
R17 Tenure of HHLDR by Race, Eth. & Age: Asian/Pac. I./Nat. Haw	1990 Data: N/A
	2000 Data: SF1, H16A-H
R18 Tenure of HHLDR by Race, Eth. & Age: Other Race	1990 Data: N/A
	2000 Data: SF1, H16A-H
R19 Tenure of HHLDR by Race, Eth. & Age: Two or More Races	1990 Data: N/A
	2000 Data: SF1, H16A-H
R20 Tenure of HHLDR by Race, Eth. & Age: Total Other	1990 Data: N/A
	2000 Data: SF1, H16A-H
R21 Tenure of HHLDR by Race, Eth. & Age: Hispanic	1990 Data: N/A
	2000 Data: SF1, H16A-H

Appendix 2

Instructions for Accessing and Using the Bi-State Regional Housing Partnership Database

What is it?

The Bi-State Regional Housing database was created for the Bi-State Regional Housing Partnership (BRHP) project. The database is compiled of hundreds of data tables that pertain to the Portland-Vancouver metropolitan area. All of the data are derived from the 1990 and 2000 U.S. Census files called Summary Tape Files 1 and 3 (1990), and Summary Files 1 and 3 (2000).

The tabulated data contained in the BRHP database are housed in a Microsoft Excel file. A navigation application was developed in Excel and provides the ability to access and use the data. The database consists of several spreadsheets that are accessed through a simple-to-use navigation tool that asks the user to identify which of the many data tables to view.

The BRHP Database is **'Read Only'** and **protected on a CD ROM** so that its contents cannot inadvertently be modified or lost. The CD ROM also includes the **technical documentation** of the methods and sources that were used to create the database, technical documentation from the U.S. Census, and a **copy of these instructions** on how to use the database.

Requirements to run the navigator application

The navigation application **requires that Excel in Microsoft Office 2000** (with Service Pack 3 installed, if necessary), or **Excel in Office XP**, be installed on the user's computer. If the user has an earlier version of Office 2000, Service Pack 3 (an upgrade) may need to be installed in order for the Navigator to operate properly. The upgrade is available at:

www.microsoft.com/office/downloads/top10.asp .

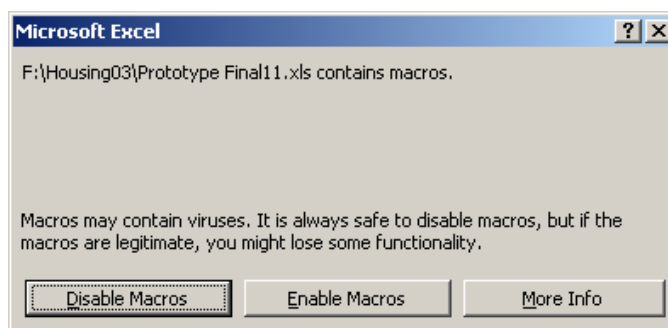
Running the application

No installation program is required to run this application. The application, supplied as the Excel file named 'BRHP Database.xls' on the CD ROM, may be run from the CD ROM, or copied to the user's hard drive.

The application can be **run directly from the CD ROM** by navigating to the CD ROM drive on the user's computer. From there, an icon for the directory, named 'OpenThisFolder' on the CD ROM, should appear in the window. Double click on the icon to expose the BRHP Database and 'Census Data Documentation' folders, and the 'Instructions for Using the BRHP Database.doc' file. If the user double-clicks on the icon for the Database, the files 'BRHP Database.xls' and 'Technical Documentation for the BRHP Dbase.doc', will be listed. Select the xls file (with a double-click) to begin the program and view the data.

If the user would rather **copy the application and run it from the computer's hard drive**, navigate to the 'OpenThisFolder' directory as mentioned above, and drag the icon to the hard drive location (C:\, D:\, etc.). After the directory is copied onto the computer, go to the new location of 'OpenThisFolder' via the computer's directory listing (e.g. *My Computer* or *Explorer*), or start Microsoft Excel, and open the BRHP Database sub-directory to retrieve the 'BRHP Database.xls' file. The file will load by double-clicking on it, and then the program will begin.

As the database program begins, a window appears on the screen that asks the user's permission to enable Excel Macros (see image to the right). In order to proceed, the user will need to click 'Enable Macros' button. *It is assured that this program does not contain a virus.*



It will take a few seconds for the program to fully load. During this process, it is normal to see the spreadsheet pages of Excel appearing quickly and briefly on the screen as they are opening up.

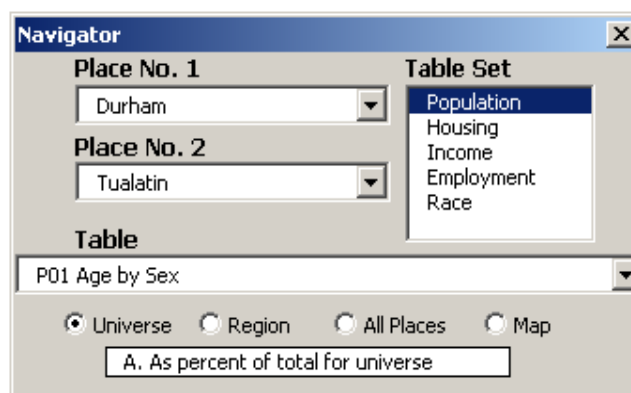
After the program has finished loading, a floating pane labeled "Navigator" will appear at the center of the computer screen, and some of the data tables will be visible behind it. The *Navigator* may be moved by dragging it across the screen with the mouse.

Navigating the data

Selecting which table(s) to view is accomplished by using the *Navigator* pane, as shown to the right.

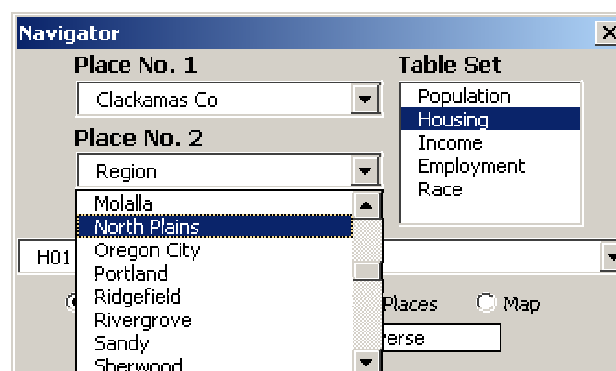
There are four options to choose from depending on which data the user would like to view:

- geographic areas (Places No. 1 and 2),
- the category of tables (Table Set),
- the specific table within the chosen set (Table), and
- the type of view itself (the buttons for Universe, Region, and All Places).



There is another feature available - a map of the Portland-Vancouver region may be displayed with the additional button (Map).

Selecting places: The scroll boxes labeled *Place No. 1 and Place No. 2* allow the user to pick two places for comparison purposes. Use the mouse to put the cursor on the down arrow to the right of the box to see a list of places. This list includes the individual four counties in the Portland-Vancouver metropolitan area, all cities and unincorporated areas in each of the counties, and the four-county region as a whole (the counties, and unincorporated areas are



at the bottom of the list). After one or two places is selected, the program will take a few seconds to load the data. When the data selected for these places are ready to view, they will appear on the screen.

Selecting a *table set*: The rectangular list box under the label **Table Set** allows the user to select a general topic of data to explore. After one of the options (Population, Housing, etc.) is selected, a list of available tables will appear under **Table** scroll box. Please note: the table set called 'Income' includes data on **housing costs** as well as income.

The screenshot shows the 'Navigator' window. Under 'Place No. 1', 'Clackamas Co' is selected. Under 'Place No. 2', 'West Linn' is selected. The 'Table Set' dropdown menu is open, showing options: Population, Housing, Income (highlighted), Employment, and Race. The 'Table' dropdown shows 'I01 Dividend or Rental Income'. At the bottom, the 'Universe' radio button is selected, and the text 'A. As percent of total for universe' is displayed.

Selecting a *table*: Use the mouse and click on the 'down' arrow to the right of the **Table** box. A list of available data tables that are included in the table set that was previously chosen will appear. After a selection is made, the *Navigator* will bring the table into view on the screen. The user is also able to browse through other tables (in addition to the one selected, by using the scroll bars either on the right side, or at the bottom of the Excel window. Using the *Navigator*, however, will quickly take the user to a specific table.

This screenshot shows the 'Table' dropdown menu expanded, displaying a list of tables: 'I01 Dividend or Rental Income', 'I01 Dividend or Rental Income', 'I02 Social Security Income', 'I03 Retirement Income' (highlighted), 'I04 Public Assistance Income', 'I05 Other Type of Income', 'I06 Households with Earnings', 'I07 Poverty by Age', and 'I08 Poverty by Age by Household Type'. The 'Table Set' dropdown remains on 'Income'.

Selecting a *table view*: The **radio buttons** (for Universe, Region, All Places) allow the user to view different presentations of the data by selecting one of the three options. In addition to displaying the data, **Universe** shows counts and percentages based on the total for the universe for the data (for example, the share that males represent of the total population is shown as percent male). The percent change (i.e. the amount of growth between 1990 and 2000)

This screenshot shows the 'Navigator' window with 'I03 Retirement Income' selected in the 'Table' dropdown. The 'Universe' radio button is still selected, and the text 'A. As percent of total for universe' is shown at the bottom.

is also presented in the *Universe* view. The tables displayed in the *Universe* view have an ‘A’ tagged at the end of the table number.

Example of *Universe* table view:

Clackamas Co							Wes
P08A. Age by Language Spoken at Home (Universe: Population 5 Years And Over)	Number		Share of Total		Change 1990-2000		19
	1990	2000	1990	2000	Number	Percent	
5 to 17 years:	55,175	66,332	21.3%	21.0%	11,157	20.2%	3,6
Speak only English	52,066	59,345	20.1%	18.7%	7,279	14.0%	3,4
Speak Spanish:	1,410	3,455	0.5%	1.4%	2,045	145.0%	
Speak English "very well"							
Speak English "well"							
Speak English "not well" or "not at all"							
Speak Asian and Pacific Island languages:							
Speak English "very well"							
Speak English "well"							
Speak English "not well" or "not at all"							
Speak other languages:							
Speak English "very well"							
Speak English "well"							
Speak English "not well" or "not at all"							

Region shows the counts and percentages of the data values for each place as a share of the whole four-county region's total. The *Region* table view also displays the rank that the place holds in the whole region. Tables in this view are indicated with a ‘B’ after the table number.

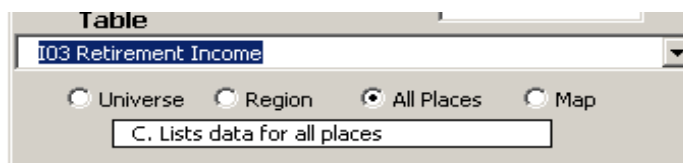
Table	
103 Retirement Income	
<input type="radio"/> Universe <input checked="" type="radio"/> Region <input type="radio"/> All Places <input type="radio"/> Map	
B. As percent of PDX region	

Example of *Region* table view:

Clackamas Co							Wes
P08B. Age by Language Spoken at Home (Universe: Population 5 Years And Over)	Number		Share of Region		Rank in Region		19
	1990	2000	1990	2000	1990	2000	
5 to 17 years:	55,175	66,332	21.5%	20.2%	-	-	3,6
Speak only English	52,066	59,345	22.0%	21.7%	-	-	3,4
Speak Spanish:	1,410	3,455	19.8%	14.2%	-	-	
Speak English "very well"							
Speak English "well"							
Speak English "not well" or "not at all"							
Speak Asian and Pacific Island languages:							
Speak English "very well"							
Speak English "well"							
Speak English "not well" or "not at all"							
Speak other languages:							
Speak English "very well"							
Speak English "well"							
Speak English "not well" or "not at all"							

All Places shows all of the 1990 and 2000 data for all places beginning with the variable that the user has chosen. The 1990 data are located at the top of the page and the 2000 data are at the bottom. Use the

scroll bar on the right in the Excel window to navigate down the page to see data for all of the places and the 2000 data. The page can be scrolled up and down depending on which data the user would like to view. The scroll bar on the bottom of the window can be used to navigate left and right in order to bring data for additional variables on the screen.



Data values in the *All Places* view represent counts and do not include calculations such as those in the other views. The tables in this view are numbered **without a letter** tagged to the end.

Example of *All Places* table view:

1990 Data: on the top half of page; 2000 Data: on the bottom half of page				P01. POPULATION: AGE BY SEX (Universe: persons)				
4								
5	NAME	Co.	FIPS	Total	Male:	Under 5 years	5 to 9 years	10 to 14 years
58	Tualatin (Wash)	067	4106774950	13,257	6,583	588	636	
59	Wilsonville (Clack)	005	4100582800	7,096	3,343	279	245	
60	Wilsonville (Wash)	067	4106782800	10	6	0	0	
61	Woodland (Clark)	011	5301179625	94	46	3	1	
62	Woodland (Cowlitz)	015	5301579625	2,406	1,148	106	109	
63	Clackamas Co Uninc	005	4100582800	150,770	70,054	5,100	8,000	
64	Multnomah Co Uninc	051	4100582800	150,770	70,054	5,100	8,000	
65	Washington Co Uninc	067	4100582800	150,770	70,054	5,100	8,000	
66	Clark Co Uninc	011	5301179625	150,770	70,054	5,100	8,000	
67	Clackamas Co	005	4100582800	150,770	70,054	5,100	8,000	
68	Multnomah Co	051	4100582800	150,770	70,054	5,100	8,000	
69	Washington Co	067	4100582800	150,770	70,054	5,100	8,000	
70	Clark Co	011	5301179625	150,770	70,054	5,100	8,000	
71	Region		99					
72	Population-1-2000			P08 Age by Language Spoken at Home				
73	Banks	067	4100582800					
74	Barlow	005	4100582800					
75	Battle Ground	011	5301179625					
76	Beaverton	067	4100582800					

Navigator

Place No. 1

Clackamas Co

Place No. 2

West Linn

Table

P08 Age by Language Spoken at Home

☐ Universe

☐ Region

☒ All Places

☐ Map

C. Lists data for all places

Table Set

Population

Housing

Income

Employment

Race

The *Map* button shows a map of the study area and a list of all of the places the data pertain to in the study area. This map is not interactive.

Closing and Restoring the Navigator pane

The navigator may be closed by clicking on the 'X' in the upper right corner of the pane.



When the navigator tool is closed, it may be restored anytime by simultaneously pressing the 'Shift' key, the 'Ctrl' key and the 'N' key on the computer's keyboard. Another option would be to scroll to its permanent location at the top-left-most area of the *Universe* and *Region* pages.

Alternate Ways to Browse the Data

The user may browse the data tables in each Database spreadsheet (i.e. in any of the table views) without the *Navigator* by using the **Excel scroll bar** located on the right side of the window, or the scroll bar at the bottom to move through the tables up and down, left to right. The ‘up’ and ‘down’ arrows on the keyboard will allow the user to scroll through the data in the same manner as mentioned above. If the bottom scroll bar is hidden, it may be exposed by “dragging” the mouse’s cursor downward on the bottom task bar.

Printing and Copying Data

Handling and manipulating the data (creating new tables or making charts with the data) **require that the data be copied and pasted into a new spreadsheet.** No special tools are provided for printing the tables or saving extracts to another program. All that is required are available in the menu and toolbar at the top of the Excel window.

To print directly from the Database screen: (1) **select and highlight the area** to print, (2) in ‘**File**’ on the window’s menu, choose ‘**Print Area**’, then ‘**Select Print Area**’ and (3) ‘**Print**’. The *Navigator* **can remain open** because it will not be captured in the ‘Print Area’ and will not be printed with the data.

To copy data from the Database: (1) **open another Excel spreadsheet** to which the user wants to copy the data, (2) select and **highlight the area** to be copied, (3) in ‘**Edit**’ on the window’s menu, select ‘**Copy**’ to copy the data to the clipboard, and then on the **destination** spreadsheet, click on ‘**Edit**’, ‘**Paste Special**’, and then ‘**Values**’. If the user would like the data to be in the exact same format as in the database (i.e. the way the table and data look in the database), with the data in the new destination still highlighted, again go to ‘**Edit**’, ‘**Paste Special**’, and then choose ‘**Format**’.

To **exit the Navigator application (the Database)**, click on ‘File’ on the menu bar at the top of the Excel window and select ‘Exit’.

Information about the data

Comments regarding the data are inserted in the *All Places* data pages for several of the data tables. These **notes** are provided to serve as an aid to better understand what the data represent in the tables that they are attached to. The notes are identified by a **small red tab in the upper right corner** of a spreadsheet cell. The comments may be viewed by placing the mouse’s cursor directly over a cell that has a red tab. The comment will pop-up and close as the user moves cursor on and off the cell.

Insert Format Tools Data Window Help									
C	D	BF	BG	BH	BI	BJ	BK	BL	B
		Data in this table are regrouped to make data more comparable between 1990 and 2000.							
		P02. Hispanic Origin By Race (Universe: Persons)							P03.1 Hispa Pers
					Native American/Alaskan Native	Asian/Pacific Islander/Native Hawaiian	two or more (2000 only)	Hispanics	Not o Hispa origi
Co.	FIPS	Total	White	Black					
067	4106703850	563	525	1	11	4	0	22	
005	4100504000	118	105	0	1	0	0	12	
011	5301104475	3,758	3,579	10	25	32	0	112	
067	4106705350	53,310	46,724	524	290	4,085	0	1,687	
011	5301109480	6,442	6,196	16	56	72	0	102	
005	4100510750	8,983	8,036	6	58	145	0	738	

For further explanation of the data in the tables, see the ‘**Technical Documentation for BRHP Dbase.doc**’ which is located in the ‘BRHP Database’ folder on the CD. It can be viewed in Microsoft Word. The document was prepared by PRC to describe the methodology used to develop the BRHP Database and cite the sources for the data. The document addresses comparability and other issues of importance to be aware of when using the data in the Database.

Additional information is provided in the CD’s ‘**Census Data Documentation**’ folder. Included in the folder are four separate files – one for each Census data source that was used to create the BRHP Database. They are called ‘**1990 STF1.pdf**’, ‘**1990 STF3.pdf**’, ‘**2000 SF1.pdf**’, and ‘**2000 SF3.pdf**’. The STF1 and SF1 files are documentation regarding the Census 100% count data; the STF3 and SF3 files pertain to the sample Census data.

The Census Bureau’s technical documents provide information regarding the data, such as definitions for terms used in the data tables; data collection and accuracy; the difference between the 100% count and sample data; and contain outlines the contents of the Census tables.

The PDF files are viewed in Acrobat Reader. If Acrobat Reader is not already installed on the user’s computer, it may be downloaded from the web at: www.adobe.com/acrobat .

Additional Notes

Use the Excel ‘**minimize**’ **button** at the top right of the screen to move the Database out of view so that you may have access to programs on the computer’s desktop to open the other files on the CD.

The **table numbers** in the BRHP Database were created and assigned to the Database tables, and **do not correspond to the Census table numbers**.

Some words needed to be abbreviated in the Database due to limitations of space. A list of abbreviations used and their meaning are in the table below.

Abbreviations	Meaning	Abbreviations	Meaning
Alask. Nat.	Alaskan Native	Mo.	Monthly
Char.	Characteristics	Nat.Amer	Native American
Emp_	Employment	No.	Number
Eth.	Ethnicity	Pac. I.	Pacific Islander
Haw. I.	Hawaiian Islander	Pop.	Population
HH	Household	Pop_	Population
HHLDR	Householder	Rac_	Race
Hou_	Housing	Sel.	Selected
Hrs.	Hours	Transp.	Transportation
Inc.	Income	Trvl.	Travel
Inc_	Income	w/out	with out

Appendix 3

Master Comparability and Extraction Tables

The Census Bureau assigns identifiers to tables, columns, and rows in the Census summary data files. The identifiers in the first column in each Census summary file represent the geographic area that the data refer to. The identifiers in the subsequent columns correspond to the Census table number; the prefix in the identifiers refers to the Census table number, and the suffix refers to the specific data items in the Census table. The table numbers and data item identifiers (such as those in the tables below), together with the geographic identifier, provide the “address”, or the location, of every data item in the Census files. There is one identifier for every data item in the Census summary data files.

The code shown in the tables below describe to the Census filelocation of the data used to construct the BRHP Database. Many of the identifiers in in the tables below are combined, and configured into formulas by PRC staff to use as a guide to extract the data from the Census files. In addition to providing the exact location of the data items, this guide shows the method of how the data were combined to form each table in the BRHP database. The formulas were determined after examination of the comparability between the 1990 and 2000 Census data.

The comparability and extraction formulas for the BRHP Database are presented below.

Tables and data to be included in the BRHP Database

X=not available

Table	1990 Census Data	2000 Census Data
Population Age by Sex		
Universe: Persons		
Total	Sum(P0120001:31)	P012001
Male:	Sum age categories	P012002
Under 5 years	Sum(P0120001,063,125,187,249,002,064,126,188,250,003,065,127,189,251)	P012003
5 to 9 years	Sum(P0120004,066,128,190,252,005,067,129,191,253,006,068,130,192,254)	P012004
10 to 14 years	Sum(P0120007,069,131,193,255,008,070,132,194,256,009,071,133,195,257)	P012005
15 to 17 years	Sum(P0120010,072,134,196,258,011,073,135,197,259,012,074,136,198,260)	P012006
18 and 19 years	Sum(P0120013,075,137,199,261,014,076,138,200,262)	P012007
15 to 19 years	Sum(Male 15 to 17,18 to 19)	Sum(P012006,07)

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
20 years	Sum(P0120015,077,139,201,263)	P012008
21 years	Sum(P0120016,078,140,202,264)	P012009
22 to 24 years	Sum(P0120017,079,141,203,265)	P012010
20 to 24 years	Sum(Male Age 20,21, 22 to 24)	Sum(P012008:10)
25 to 29 years	Sum(P0120018,080,142,204,266)	P012011
30 to 34 years	Sum(P0120019,081,143,205,267)	P012012
35 to 39 years	Sum(P0120020,082,144,206,268)	P012013
40 to 44 years	Sum(P0120021,083,145,207,269)	P012014
45 to 49 years	Sum(P0120022,084,146,208,270)	P012015
50 to 54 years	Sum(P0120023,085,147,209,271)	P012016
55 to 59 years	Sum(P0120024,086,148,210,272)	P012017
60 and 61 years	Sum(P0120025,087,149,211,273)	P012018
62 to 64 years	Sum(P0120026,088,150,212,274)	P012019
60 to 64 years	Sum(Male 60 to 61, 62 to 64)	Sum(P012018,19)
65 to 69 years	Sum(P0120027,089,151,213,275)	Sum(P012020,21)
70 to 74 years	Sum(P0120028,090,152,214,276)	P012022
75 to 79 years	Sum(P0120029,091,153,215,277)	P012023
80 to 84 years	Sum(P0120030,092,154,216,278)	P012024
85 years and over	Sum(P0120031,093,155,217,279)	P012025
Female:	Sum age categories	P012026
Under 5 years	Sum(P0120032,094,156,218,280,033,095,157,219,281,034,096,158,220,282)	P012027
5 to 9 years	Sum(P0120035,097,159,221,283,036,098,160,222,284,037,099,161,223,285)	P012028
10 to 14 years	Sum(P0120038,100,162,224,286,039,101,163,225,287,040,102,164,226,288)	P012029

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
15 to 17 years	Sum(P0120041,103,165,227,289,042,104,166,228,290,043,105,167,229,291)	P012030
18 and 19 years	Sum(P0120044,106,168,230,292,045,107,169,231,293)	P012031
15 to 19 years	Sum(Female 15 to 17,18 to 19)	Sum(P012030,31)
20 years	Sum(P0120046,108,170,232,294)	P012032
21 years	Sum(P0120047,109,171,233,295)	P012033
22 to 24 years	Sum(P0120048,110,172,234,296)	P012034
20 to 24 years	Sum(Female Age 20,21, 22 to 24)	Sum(P012032:34)
25 to 29 years	Sum(P0120049,111,173,235,297)	P012035
30 to 34 years	Sum(P0120050,112,174,236,298)	P012036
35 to 39 years	Sum(P0120051,113,175,237,299)	P012037
40 to 44 years	Sum(P0120052,114,176,238,300)	P012038
45 to 49 years	Sum(P0120053,115,177,239,301)	P012039
50 to 54 years	Sum(P0120054,116,178,240,302)	P012040
55 to 59 years	Sum(P0120055,117,179,241,303)	P012041
60 and 61 years	Sum(P0120056,118,180,242,304)	P012042
62 to 64 years	Sum(P0120057,119,181,243,305)	P012043
60 to 64 years	Sum(Female 60 to 61, 62 to 64)	Sum(P012042,43)
65 to 69 years	Sum(P0120058,120,182,244,306)	Sum(P012044,45)
70 to 74 years	Sum(P0120059,121,183,245,307)	P012046
75 to 79 years	Sum(P0120060,122,184,246,308)	P012047
80 to 84 years	Sum(P0120061,123,185,247,309)	P012048
85 years and over	Sum(P0120062,124,186,248,310)	P012049

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
Hispanic Origin by Race		
Universe: Persons		
Total	Sum(P0100001:10)	P004001
White not hispanic	P0100001	P004005
Black not hispanic	P0100002	P004006
American Indian, Eskimo, Aleut	Sum(P0100003,08)	P003005
Asian or Pacific Islander	Sum(P0100004,09)	Sum(P003006,07)
two or more (2000 only)		P003009
Hispanics	Sum(P0100001:10) - Sum(P0100001:04,08,09)	P004001 - Sum(P004005,06;P003005:07, 09)
Population by Race and Hispanic Origin (100 percent population total)		
Not of Hispanic origin:	Sum(P0100001:05)	P004003
White	P0100001	P004005
Black	P0100002	P004006
American Indian, Eskimo, Aleut	P0100003	P004007
Asian or Pacific Islander	P0100004	P0040008, 9
Other race	P0100005	P004010
Two or more (2000 only)		P004011
Hispanic origin:	Sum(P0100006:10)	P004002
White	P0100006	P003003 - P004005
Black	P0100007	P003004 - P004006
American Indian, Eskimo, Aleut	P0100008	P003005 - P004007
Asian or Pacific Islander	P0100009	P003006, 07 - P004008, 09
Other race	P0100010	P003008, 09 - P004010, 11
Marital Status		
Sex by marital status for the population 15 years and over		
Universe: Population 15 years and over		
Total:	Sum(P0270001:12)	P018001
Male:	Sum(P0270001:06)	P018002
Never married	P0270001	P018003
Now married:	Sum(P0270002:04)	P018004
Married, spouse present	P0270002	P018005
Married, spouse absent:	Sum(P0270003,04)	P018006
Separated	P0270003	P018007
Other	P0270004	P018008
Widowed	P0270005	P018009
Divorced	P0270006	P018010

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Table	1990 Census Data	2000 Census Data
Female:	Sum(P0270007:12)	P018011
Never married	P0270007	P018012
Now married:	Sum(P0270008:10)	P018013
Married, spouse present	P0270008	P018014
Married, spouse absent:	Sum(P0270009,10)	P018015
Separated	P0270009	P018016
Other	P0270010	P018017
Widowed	P0270011	P018018
Divorced	P0270012	P018019
School Enrollment and Type of School		
Universe: Persons 3 years and over		
Total:	Sum(P0540001:07)	P036001
Enrolled in preprimary school:	Sum(P0540001,02)	Sum(P036003,26)
Public school	P0540001	Sum(P036004,27)
Private school	P0540002	Sum(P036005,28)
Enrolled in elementary or high school:	Sum(P0540003,04)	Sum(P036006,09,12,15,29,32,35,38)
Public school	P0540003	Sum(P036007,10,13,16,30,33,36,39)
Private school	P0540004	Sum(P036008,11,14,17,31,34,37,40)
Enrolled in college:	Sum(P0540005,06)	Sum(P036018,21,41,44)
Public school	P0540005	Sum(P036019,22,42,45)
Private school	P0540006	Sum(P036020,23,43,46)
Not enrolled in school	P0540007	Sum(P036024,47)
Sex by School Enrollment by Age		
Universe: Population 3 years and over		
Total:	x	PCT023001
Male:	x	PCT023002
Enrolled in school:	x	PCT023003
3 and 4 years	x	PCT023004
5 to 9 years	x	PCT023005
10 to 14 years	x	PCT023006
15 to 17 years	x	PCT023007
18 and 19 years	x	PCT023008
20 to 24 years	x	PCT023009
25 to 34 years	x	PCT023010
35 years and over	x	PCT023011
Not enrolled in school:	x	PCT023012
3 and 4 years	x	PCT023013
5 to 9 years	x	PCT023014
10 to 14 years	x	PCT023015

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
15 to 17 years	x	PCT023016
18 and 19 years	x	PCT023017
20 to 24 years	x	PCT023018
25 to 34 years	x	PCT023019
35 years and over	x	PCT023020
Female:	x	PCT023021
Enrolled in school:	x	PCT023022
3 and 4 years	x	PCT023023
5 to 9 years	x	PCT023024
10 to 14 years	x	PCT023025
15 to 17 years	x	PCT023026
18 and 19 years	x	PCT023027
20 to 24 years	x	PCT023028
25 to 34 years	x	PCT023029
35 years and over	x	PCT023030
Not enrolled in school:	x	PCT023031
3 and 4 years	x	PCT023032
5 to 9 years	x	PCT023033
10 to 14 years	x	PCT023034
15 to 17 years	x	PCT023035
18 and 19 years	x	PCT023036
20 to 24 years	x	PCT023037
25 to 34 years	x	PCT023038
35 years and over	x	PCT023039
Educational Attainment		
Universe: Population 25 years and over		
Total:	Sum(P0570001:07)	P037001
Less than 9th grade	P0570001	Sum(P037003:06;20:23)
9th to 12th grade, no diploma	P0570002	Sum(P037007:10;24:27)
High school graduate (includes equivalency)	P0570003	Sum(P037011,28)
Some college, no degree	P0570004	Sum(P037012,13,29,30)
Associate degree	P0570005	Sum(P037014,31)
Bachelor's degree	P0570006	Sum(P037015,32)
Graduate or professional degree	P0570007	Sum(P037016:18;33:35)
Age by Language Spoken at Home by Ability to Speak English		
Universe: Population 5 years and over		
Total:	Sum(P0280001:30)	P019001
5 to 17 years:	Sum(P0280001:10)	P019002
Speak only English	P0280001	P019003
Speak Spanish:	Sum(P0280002:04)	P019004
Speak English "very well"	P0280002	P019005

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Table	1990 Census Data	2000 Census Data
Speak English "well"	P0280003	P019006
Speak English "not well" or "not at all"	P0280004	Sum(P019007,08)
Speak Asian and Pacific Island languages:	Sum(P0280005:07)	P019014
Speak English "very well"	P0280005	P019015
Speak English "well"	P0280006	P019016
Speak English "not well" or "not at all"	P0280007	Sum(P019017,18)
Speak other languages:	Sum(P0280008:10)	Sum(P019009,19)
Speak English "very well"	P0280008	Sum(P019010,20)
Speak English "well"	P0280009	Sum(P019011,21)
Speak English "not well" or "not at all"	P0280010	Sum(P019012,13,22,23)
18 to 64 years:	Sum(P0280011:20)	P019024
Speak only English	P0280011	P019025
Speak Spanish:	Sum(P0280012:14)	P019026
Speak English "very well"	P0280012	P019027
Speak English "well"	P0280013	P019028
Speak English "not well" or "not at all"	P0280014	Sum(P019029,30)
Speak Asian and Pacific Island languages:	Sum(P0280015:17)	P019036
Speak English "very well"	P0280015	P019037
Speak English "well"	P0280016	P019038
Speak English "not well" or "not at all"	P0280017	Sum(P019039,40)
Speak other languages:	Sum(P0280018:20)	Sum(P019031,41)
Speak English "very well"	P0280018	Sum(P019032,42)
Speak English "well"	P0280019	Sum(P019033,43)
Speak English "not well" or "not at all"	P0280020	Sum(P019034,35,44,45)
65 years and over:	Sum(P0280021:30)	P019046
Speak only English	P0280021	P019047
Speak Spanish:	Sum(P0280022:24)	P019048
Speak English "very well"	P0280022	P019049
Speak English "well"	P0280023	P019050
Speak English "not well" or "not at all"	P0280024	Sum(P019051,52)
Speak Asian and Pacific Island languages:	Sum(P0280025:27)	P019058
Speak English "very well"	P0280025	P019059
Speak English "well"	P0280026	P019060
Speak English "not well" or "not at all"	P0280027	Sum(P019061,62)
Speak other languages:	Sum(P0280028:30)	Sum(P019053,63)
Speak English "very well"	P0280028	Sum(P019054,64)
Speak English "well"	P0280029	Sum(P019055,65)

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Table	1990 Census Data	2000 Census Data
Speak English "not well" or "not at all"	P0280030	Sum(P019056,57,66,67)
Place of Birth by Citizenship Status		
Universe: Total population		
Total:	Sum(P0420001:09)	P021001
Native:	Sum(P0420001:08)	P021002
Born in state of residence	P0420001	P021003
Born in other state in the United States:	Sum(P0420002:05)	P021004
Northeast	P0420002	P021005
Midwest	P0420003	P021006
South	P0420004	P021007
West	P0420005	P021008
Born outside the United States:	Sum(P0420006:08)	P021009
Puerto Rico	P0420006	P021010
U.S. Island Areas	P0420007	P021011
Born abroad of American parent(s)	P0420008	P021012
Foreign born:	P0420009	P021013
Naturalized citizen	x	P021014
Not a citizen	x	P021015
Year of Entry		
Universe: Foreign-born population		
Total:	Sum(P0360001:10)	P022001
1995 to March 2000	x	P022002
1990 to 1994	x	P022003
1985 to 1989	Sum(P0360001,02)	P022004
1980 to 1984	Sum(P0360003,04)	P022005
1975 to 1979	P0360005	P022006
1970 to 1974	P0360006	P022007
1965 to 1969	P0360007	P022008
Before 1965	Sum(P0360008:10)	P022009
Year of entry (by years)		
Universe: Foreign-born population		
Total:	x	P022001
5 years or less	1985-Mar1990	1999-Mar2000
	Sum(P0360001,02)	P022002
6 to 10 years	1980-1984	1990-1994
	Sum(P0360003,04)	P022003
11 to 15 years	1975-1979	1985-1989
	P0360005	P022004
16 to 20 years	1970-1974	1980-1984
	P0360006	P022005

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
<i>21 to 25 years</i>	<i>1965-1969</i>	<i>1975-1979</i>
	P0360007	P022006
<i>26 to 30 years</i>	<i>1960-1964</i>	<i>1970-1974</i>
	P0360008	P022007
<i>31 to 35 years</i>	<i>1955-1959</i>	<i>1965-1969</i>
	x	P022008
<i>31 to 40 years</i>	<i>1950-1959</i>	<i>1960-1969</i>
	P0360009	x
<i>More than 35 years</i>	<i>Before 1955</i>	<i>Before 1965</i>
	Sum(P0360008:10)	P022009
<i>More than 40 years</i>	<i>Before 1950</i>	
	P0360010	x
Year of Entry by Citizenship		
Universe: Foreign-born population		
Total:	x	P023001
Year of entry 1990 to March 2000:	x	P023002
Naturalized citizen	x	P023003
Not a citizen	x	P023004
Year of entry 1980 to 1989:	x	P023005
Naturalized citizen	x	P023006
Not a citizen	x	P023007
Year of entry before 1980:	x	P023008
Naturalized citizen	x	P023009
Not a citizen	x	P023010
Residence in 1985 & 1995		
Universe: Persons 5 years and over		
Total:	Sum(P0430001:10)	P024001
Same house in 1985	P0430001	P024002
Different house:	Sum(P0430002:10)	P024003
In United States:	Sum(P0430002:08)	P024004
Same county	P0430002	P024005
Different county:	Sum(P0430003:07)	P024006
Same State	P0430003	P024007
Different State:	Sum(P0430004:07)	P024008
Northeast	P0430004	P024009
Midwest	P0430005	P024010
South	P0430006	P024011
West	P0430007	P024012
In Puerto Rico:	P0430008	Sum(P024013:15)
Elsewhere:	Sum(P0430009,10)	P024016
U.S. outlying area	P0430009	P024017
Foreign country	P0430010	P024018

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Table	1990 Census Data	2000 Census Data
Disability Status		
Universe: Total disabilities tallied for the civilian noninstitutionalized population 16 years and over with disabilities		
Total disabilities for people 16 to 64 years:		
Employment disability	Sum(P0660001:4; 15:18)	P041013
Go-outside-home disability	Sum(P0690001,13)	P041012
Self-care disability	Sum(P0690002,14)	P041011
Total disabilities for people 65 years and over:		
Go-outside-home disability	Sum(P0690005,09,17,21)	P041019
Self-care disability	Sum(P0690006,10,18,22)	P041018
Age by Type of Disabilities		
Universe: Total disabilities tallied for the civilian noninstitutionalized population 5 years and over with disabilities		
Total disabilities tallied:	x	P041001
Total disabilities tallied for people 5 to 15 years:	x	P041002
Sensory disability	x	P041003
Physical disability	x	P041004
Mental disability	x	P041005
Self-care disability	x	P041006
Total disabilities tallied for people 16 to 64 years:	x	P041007
Sensory disability	x	P041008
Physical disability	x	P041009
Mental disability	x	P041010
Self-care disability	x	P041011
Go-outside-home disability	x	P041012
Employment disability	x	P041013
Total disabilities tallied for people 65 years and over:	x	P041014
Sensory disability	x	P041015
Physical disability	x	P041016
Mental disability	x	P041017
Self-care disability	x	P041018
Go-outside-home disability	x	P041019
Sex by Age by Disability Status by Employment Status		
Universe: Civilian noninstitutionalized population 5 years and over		

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
Total:	x	P042001
Male:	x	P042002
5 to 15 years:	x	P042003
With a disability	x	P042004
No disability	x	P042005
16 to 20 years:	x	P042006
With a disability:	x	P042007
Employed	x	P042008
Not employed	x	P042009
No disability:	x	P042010
Employed	x	P042011
Not employed	x	P042012
21 to 64 years:	x	P042013
With a disability:	x	P042014
Employed	x	P042015
Not employed	x	P042016
No disability:	x	P042017
Employed	x	P042018
Not employed	x	P042019
65 to 74 years:	x	P042020
With a disability	x	P042021
No disability	x	P042022
75 years and over:	x	P042023
With a disability	x	P042024
No disability	x	P042025
Female:	x	P042026
5 to 15 years:	x	P042027
With a disability	x	P042028
No disability	x	P042029
16 to 20 years:	x	P042030
With a disability:	x	P042031
Employed	x	P042032
Not employed	x	P042033
No disability:	x	P042034
Employed	x	P042035
Not employed	x	P042036
21 to 64 years:	x	P042037
With a disability:	x	P042038
Employed	x	P042039
Not employed	x	P042040
No disability:	x	P042041
Employed	x	P042042
Not employed	x	P042043
65 to 74 years:	x	P042044
With a disability	x	P042045
No disability	x	P042046
75 years and over:	x	P042047

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Table	1990 Census Data	2000 Census Data
With a disability	x	P042048
No disability	x	P042049
Housing Characteristics	1990	2000
Housing Units		
Universe: Housing units		
Total:	H0010001	H001001
Units in Structure		
Universe: Housing units		
Total:	Sum(H020001:10)	H030001
1 Detached	H020001	H030002
1 Attached	H020002	H030003
2	H020003	H030004
3 or 4	H020004	H030005
5 to 9	H020005	H030006
10 to 19	H020006	H030007
20 to 49	H020007	H030008
50 or more	H020008	H030009
Mobil Home or Trailer	H020009	H030010
Other (Boat, RV, Van, Ect)	H020010	H030011
Age of Housing Structure		
Universe: Housing units		
Total:	Sum(H0250001:08)	H034001
Built 1999 to March 2000	x	H034002
Built 1995 to 1998	x	H034003
Built 1990 to 1994	x	H034004
Built 1980 to 1989	Sum(H0250001:3)	H034005
Built 1970 to 1979	H0250004	H034006
Built 1960 to 1969	H0250005	H034007
Built 1950 to 1959	H0250006	H034008
Built 1940 to 1949	H0250007	H034009
Built 1939 or earlier	H0250008	H034010
Age of Housing Structure (by year)		
Year structure built:		
Universe: Housing units		
<i>1 yr old or less</i>	<i>1989-Mar1990</i>	<i>1999-Mar2000</i>
	H0250001	H034002
<i>2 to 5 yrs</i>	<i>1985-1988</i>	<i>1995-1998</i>
	H0250002	H034003
<i>6 to 10 yrs</i>	<i>1980-1984</i>	<i>1990-1994</i>
	H0250003	H034004
<i>11 to 20 yrs</i>	<i>1970-1979</i>	<i>1980-1989</i>

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Table	1990 Census Data	2000 Census Data
	H0250004	H034005
<i>21 to 30 yrs</i>	<i>1960-1969</i>	<i>1970-1979</i>
	H0250005	H034006
<i>31 to 40 yrs old</i>	<i>1950-1959</i>	<i>1960-1969</i>
	H0250006	H034007
<i>41 to 50 yrs old</i>	<i>1940-1949</i>	<i>1950-1959</i>
	H0250007	H034008
<i>Older than 50 yrs</i>	<i>1939 or earlier</i>	<i>1949 or earlier</i>
	H0250008	Sum(H034009,10)
<i>51 to 60 yrs old</i>	x	<i>1940-1949</i>
		H034009
<i>Older than 60 yrs</i>	x	<i>1939 or earlier</i>
		H034010
Duration in H.U.		
Tenure by year householder moved into unit		
Universe: Occupied housing units		
Total:	Sum(H0290001:12)	H038001
Owner occupied:	Sum(H0290001:06)	H038002
1989 to March 1990 (1999 to March 2000)	H0290001	H038003
1985 to 1988 (1995 to 1998)	H0290002	H038004
1980 to 1984 (1990 to 1994)	H0290003	H038005
1970 to 1979 (1980 to 1989)	H0290004	H038006
1960 to 1969 (1970 to 1979)	H0290005	H038007
1959 or earlier (1969 or earlier)	H0290006	H038008
Renter occupied:	Sum(H0290007:12)	H038009
1989 to March 1990 (1999 to March 2000)	H0290007	H038010
1985 to 1988 (1995 to 1998)	H0290008	H038011
1980 to 1984 (1990 to 1994)	H0290009	H038012
1970 to 1979 (1980 to 1989)	H0290010	H038013
1960 to 1969 (1970 to 1979)	H0290011	H038014
1959 or earlier (1969 or earlier)	H0290012	H038015
Duration in H.U. (by years)		
Tenure by year householder moved into unit		
Universe: Occupied Housing units		
Owner occupied:		
<i>1 yr or less</i>	<i>1989-Mar1990</i>	<i>1999-Mar2000</i>
	H0290001	H038003
<i>2 to 5 yrs</i>	<i>1985-1988</i>	<i>1995-1998</i>
	H0290002	H038004
<i>6 to 10 yrs</i>	<i>1980-1984</i>	<i>1990-1994</i>
	H0290003	H038005

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Table	1990 Census Data	2000 Census Data
<i>11 to 20 yrs</i>	<i>1970-1979</i>	<i>1980-1989</i>
	H0290004	H038006
<i>21 to 30 yrs</i>	<i>1960-1969</i>	<i>1970-1979</i>
	H0290005	H038007
<i>31 or more yrs</i>	<i>1959 or earlier</i>	<i>1969 or earlier</i>
	H0290006	H038008
Renter occupied:		
<i>1 yr or less</i>	<i>1989-Mar1990</i>	<i>1999-Mar2000</i>
	H0290007	H038010
<i>2 to 5 yrs</i>	<i>1985-1988</i>	<i>1995-1998</i>
	H0290008	H038011
<i>6 to 10 yrs</i>	<i>1980-1984</i>	<i>1990-1994</i>
	H0290009	H038012
<i>11 to 20 yrs</i>	<i>1970-1979</i>	<i>1980-1989</i>
	H0290010	H038013
<i>21 to 30 yrs</i>	<i>1960-1969</i>	<i>1970-1979</i>
	H0290011	H038014
<i>31 or more yrs</i>	<i>1959 or earlier</i>	<i>1969 or earlier</i>
	H0290012	H038015
Number of Rooms in Housing Unit		
Universe: Housing units		
Total:	Sum(H0160001:09)	H023001
1 room	H0160001	H023002
2 room	H0160002	H023003
3 room	H0160003	H023004
4 room	H0160004	H023005
5 room	H0160005	H023006
6 room	H0160006	H023007
7 room	H0160007	H023008
8 room	H0160008	H023009
9 or more rooms	H0160009	H023010
Number of Bedrooms in Housing Unit		
Universe: Housing units		
Total:	Sum(H0310001:06)	H041001
No bedroom	H0310001	H041002
1 bedroom	H0310002	H041003
2 bedroom	H0310003	H041004
3 bedroom	H0310004	H041005
4 bedroom	H0310005	H041006
5 or more bedrooms	H0310006	H041007
Presence of Complete Plumbing Facilities		

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Table	1990 Census Data	2000 Census Data
Universe: Housing units		
Total:	Sum(H0640001,02)	H047001
Complete plumbing facilities	H0640001	H047002
Lacking complete plumbing facilities	H0640002	H047003
Presence of Complete Kitchen Facilities		
Universe: Housing units		
Total:	Sum(H0420001,02)	H050001
Complete kitchen facilities	H0420001	H050002
Lacking complete kitchen facilities	H0420002	H050003
Tenure by Telephone Service Available by Age of Householder		
Universe: Occupied housing units		
Total:	Sum(H0350001:04)	H043001
Owner occupied:	Sum(H0350001,02)	H043002
With telephone	H0350001	H043003
No telephone	H0350002	H043011
Renter occupied:	Sum(H0350003,04)	H043019
With telephone	H0350003	H043020
No telephone	H0350004	H043028
Type of Heating Fuel Used		
Universe: Occupied housing units		
Total:	Sum(H0300001:09)	H040001
Utility gas	H0300001	H040002
Bottled, tank, or LP gas	H0300002	H040003
Electricity	H0300003	H040004
Fuel oil, kerosene, etc.	H0300004	H040005
Coal or coke	H0300005	H040006
Wood	H0300006	H040007
Solar energy	H0300007	H040008
Other fuel	H0300008	H040009
No fuel used	H0300009	H040010
# of Cars Stored at Home: Tenure by Vehicles Available		
Universe: Occupied housing units		
Total:	Sum(H0370001:12)	H044001
Owner occupied:	Sum(H0370001:06)	H044002
None	H0370001	H044003
1	H0370002	H044004

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Table	1990 Census Data	2000 Census Data
2	H0370003	H044005
3	H0370004	H044006
4	H0370005	H044007
5 or More	H0370006	H044008
Renter occupied:	Sum(H0370007:12)	H044009
None	H0370007	H044010
1	H0370008	H044011
2	H0370009	H044012
3	H0370010	H044013
4	H0370011	H044014
5 or More	H0370012	H044015
Number of Households		
Universe households		
Total:	P0030001	P015001
Household Type		
Universe: households		
Total:	Sum(P0160001:10)	P018001
1-person household:	Sum(P0160001,02)	P018002
Male householder	P0160001	P018003
Female householder	P0160002	P018004
2-or-more-person household:	Sum(P0160003:10)	P018005
Family households:	Sum(P0160003:08)	P018006
Married couple family:	Sum(P0160003,04)	P018007
With own children under 18 years	P0160003	P018008
No own children under 18 years	P0160004	P018009
Other family:	Sum(P0160005:08)	P018010
Male householder, no wife present:	Sum(P0160005,06)	P018011
With own children under 18 years	P0160005	P018012
No own children under 18 years	P0160006	P018013
Female householder, no husband present	Sum(P0160007,08)	P018014
With own children under 18 years	P0160007	P018015
No own children under 18 years	P0160008	P018016
Nonfamily households:	Sum(P0160009,10)	P018017
Male householder	P0160009	P018018
Female householder	P0160010	P018019
Household Type by Relationship		
Universe: Total population		
Total:	Sum(P0170001:15)	P009001
In households:	Sum(P0170001:12)	P009002

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Table	1990 Census Data	2000 Census Data
In family households:	Sum(P0170001:7)	P009003
Householder:	P0170001	P009004
Male		P009005
Female		P009006
Spouse	P0170002	P009007
Child:	Sum(P0170003,4)	P009008
Natural-born		P009009
Adopted		P009010
Natural-born or Adopted	P0170003	Sum(P009009:10)
Step	P0170004	P009011
Grandchild	P0170005	P009012
Other relatives	P0170006	Sum(P009013:15)
Nonrelatives	P0170007	P009016
In nonfamily households:	Sum(P0170008:12)	P009017
Male householder:	Sum(P0170008,9)	P009018
Living alone	P0170008	P009019
Not living alone	P0170009	P009020
Female householder:	Sum(P01700010,11)	P009021
Living alone	P0170010	P009022
Not living alone	P0170011	P009023
Nonrelatives	P0170012	P009024
In group quarters:	Sum(P01700013,14)	P009025
Institutionalized population	P0170013	P009026
Noninstitutionalized population	P0170014	P009027
Filler	P0170015	
Household Type by Household Size		
Universe: Households		
Total:	Sum(P0270001:13)	P014001
Family households:	Sum(P0270001:6)	P014002
2-person household	P0270001	P014003
3-person household	P0270002	P014004
4-person household	P0270003	P014005
5-person household	P0270004	P014006
6-person household	P0270005	P014007
7-or-more-person household	P0270006	P014008
Nonfamily households:	Sum(P0270007:13)	P014009
1-person household	P0270007	P014010
2-person household	P0270008	P014011
3-person household	P0270009	P014012
4-person household	P0270010	P014013
5-person household	P0270011	P014014
6-person household	P0270012	P014015
7-or-more-person household	P0270013	P014016
Number of Housing Units by Tenure		

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Table	1990 Census Data	2000 Census Data
Universe: Occupied housing units		
Total:	Sum(H0030001,02)	H004001
Owner occupied	H0030001	H004002
Renter occupied	H0030002	H004003
Tenure by Age of Householder		
Universe: Occupied housing units		
Total:	Sum(H0120001:14)	H016001
Owner occupied:	Sum(H0120001:07)	H016002
15 to 24 years	H0120001	H016003
25 to 34 years	H0120002	H016004
35 to 44 years	H0120003	H016005
45 to 54 years	H0120004	H016006
55 to 64 years	H0120005	H016007
65 to 74 years	H0120006	H016008
75 years and over	H0120007	Sum(H016009,10)
Renter occupied:	Sum(H0120008:14)	H016011
15 to 24 years	H0120008	H016012
25 to 34 years	H0120009	H016013
35 to 44 years	H0120010	H016014
45 to 54 years	H0120011	H016015
55 to 64 years	H0120012	H016016
65 to 74 years	H0120013	H016017
75 years and over	H0120014	Sum(H016018,19)
Persons per Housing Unit by Tenure		
Universe: Occupied housing units		
Total:	Sum(H018A0001:2)	H012001
Owner occupied:	H18A0001	H012002
Renter occupied	H18A0002	H012003
Tenure by Household Size		
Universe: Occupied housing units		
Total:	Sum(H0180001:14)	H015001
Owner occupied:	Sum(H0180001:07)	H015002
1 person	H0180001	H015003
2 persons	H0180002	H015004
3 persons	H0180003	H015005
4 persons	H0180004	H015006
5 persons	H0180005	H015007
6 persons	H0180006	H015008
7 persons	H0180007	H015009
Renter occupied:	Sum(H0180008:14)	H015010

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Table	1990 Census Data	2000 Census Data
1 person	H0180008	H015011
2 persons	H0180009	H015012
3 persons	H0180010	H015013
4 persons	H0180011	H015014
5 persons	H0180012	H015015
6 persons	H0180013	H015016
7 persons	H0180014	H015017
Tenure by Household Type (including living alone) by Age of Householder		
Universe: Occupied housing units		
Total:	x	H019001
Owner occupied:	x	H019002
Family households:	x	H019003
Married-couple family:	x	H019004
Householder 15 to 24 years	x	H019005
Householder 25 to 34 years	x	H019006
Householder 35 to 44 years	x	H019007
Householder 45 to 54 years	x	H019008
Householder 55 to 64 years	x	H019009
Householder 65 to 74 years	x	H019010
Householder 75 years and over	x	H019011
Other family:	x	H019012
Male householder, no wife present:	x	H019013
Householder 15 to 24 years	x	H019014
Householder 25 to 34 years	x	H019015
Householder 35 to 44 years	x	H019016
Householder 45 to 54 years	x	H019017
Householder 55 to 64 years	x	H019018
Householder 65 to 74 years	x	H019019
Householder 75 years and over	x	H019020
Female householder, no husband present:	x	H019021
Householder 15 to 24 years	x	H019022
Householder 25 to 34 years	x	H019023
Householder 35 to 44 years	x	H019024
Householder 45 to 54 years	x	H019025
Householder 55 to 64 years	x	H019026
Householder 65 to 74 years	x	H019027
Householder 75 years and over	x	H019028
Nonfamily households:	x	H019029
Male householder:	x	H019030
Living alone:	x	H019031
Householder 15 to 24 years	x	H019032
Householder 25 to 34 years	x	H019033

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Table	1990 Census Data	2000 Census Data
Householder 35 to 44 years	x	H019034
Householder 45 to 54 years	x	H019035
Householder 55 to 64 years	x	H019036
Householder 65 to 74 years	x	H019037
Householder 75 years and over	x	H019038
Not living alone:	x	H019039
Householder 15 to 24 years	x	H019040
Householder 25 to 34 years	x	H019041
Householder 35 to 44 years	x	H019042
Householder 45 to 54 years	x	H019043
Householder 55 to 64 years	x	H019044
Householder 65 to 74 years	x	H019045
Householder 75 years and over	x	H019046
Female householder:	x	H019047
Living alone:	x	H019048
Householder 15 to 24 years	x	H019049
Householder 25 to 34 years	x	H019050
Householder 35 to 44 years	x	H019051
Householder 45 to 54 years	x	H019052
Householder 55 to 64 years	x	H019053
Householder 65 to 74 years	x	H019054
Householder 75 years and over	x	H019055
Not living alone:	x	H019056
Householder 15 to 24 years	x	H019057
Householder 25 to 34 years	x	H019058
Householder 35 to 44 years	x	H019059
Householder 45 to 54 years	x	H019060
Householder 55 to 64 years	x	H019061
Householder 65 to 74 years	x	H019062
Householder 75 years and over	x	H019063
Renter occupied:	x	H019064
Family households:	x	H019065
Married-couple family:	x	H019066
Householder 15 to 24 years	x	H019067
Householder 25 to 34 years	x	H019068
Householder 35 to 44 years	x	H019069
Householder 45 to 54 years	x	H019070
Householder 55 to 64 years	x	H019071
Householder 65 to 74 years	x	H019072
Householder 75 years and over	x	H019073
Other family:	x	H019074
Male householder, no wife present:	x	H019075
Householder 15 to 24 years	x	H019076
Householder 25 to 34 years	x	H019077
Householder 35 to 44 years	x	H019078
Householder 45 to 54 years	x	H019079

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Table	1990 Census Data	2000 Census Data
Householder 55 to 64 years	x	H019080
Householder 65 to 74 years	x	H019081
Householder 75 years and over	x	H019082
Female householder, no husband present:	x	H019083
Householder 15 to 24 years	x	H019084
Householder 25 to 34 years	x	H019085
Householder 35 to 44 years	x	H019086
Householder 45 to 54 years	x	H019087
Householder 55 to 64 years	x	H019088
Householder 65 to 74 years	x	H019089
Householder 75 years and over	x	H019090
Nonfamily households:	x	H019091
Male householder:	x	H019092
Living alone:	x	H019093
Householder 15 to 24 years	x	H019094
Householder 25 to 34 years	x	H019095
Householder 35 to 44 years	x	H019096
Householder 45 to 54 years	x	H019097
Householder 55 to 64 years	x	H019098
Householder 65 to 74 years	x	H019099
Householder 75 years and over	x	H019100
Not living alone:	x	H019101
Householder 15 to 24 years	x	H019102
Householder 25 to 34 years	x	H019103
Householder 35 to 44 years	x	H019104
Householder 45 to 54 years	x	H019105
Householder 55 to 64 years	x	H019106
Householder 65 to 74 years	x	H019107
Householder 75 years and over	x	H019108
Female householder:	x	H019109
Living alone:	x	H019110
Householder 15 to 24 years	x	H019111
Householder 25 to 34 years	x	H019112
Householder 35 to 44 years	x	H019113
Householder 45 to 54 years	x	H019114
Householder 55 to 64 years	x	H019115
Householder 65 to 74 years	x	H019116
Householder 75 years and over	x	H019117
Not living alone:	x	H019118
Householder 15 to 24 years	x	H019119
Householder 25 to 34 years	x	H019120
Householder 35 to 44 years	x	H019121
Householder 45 to 54 years	x	H019122
Householder 55 to 64 years	x	H019123
Householder 65 to 74 years	x	H019124
Householder 75 years and over	x	H019125

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Table	1990 Census Data	2000 Census Data
Tenure by Household Income		
Universe: Occ. housing units		
Total:	x	HCT011001
Owner occupied:	x	HCT011002
Less than \$5,000	x	HCT011003
\$5,000 to \$9,999	x	HCT011004
\$10,000 to \$14,999	x	HCT011005
\$15,000 to \$19,999	x	HCT011006
\$20,000 to \$24,999	x	HCT011007
\$25,000 to \$34,999	x	HCT011008
\$35,000 to \$49,999	x	HCT011009
\$50,000 to \$74,999	x	HCT011010
\$75,000 to \$99,999	x	HCT011011
\$100,000 to \$149,999	x	HCT011012
\$150,000 or more	x	HCT011013
Renter occupied:	x	HCT011014
Less than \$5,000	x	HCT011015
\$5,000 to \$9,999	x	HCT011016
\$10,000 to \$14,999	x	HCT011017
\$15,000 to \$19,999	x	HCT011018
\$20,000 to \$24,999	x	HCT011019
\$25,000 to \$34,999	x	HCT011020
\$35,000 to \$49,999	x	HCT011021
\$50,000 to \$74,999	x	HCT011022
\$75,000 to \$99,999	x	HCT011023
\$100,000 to \$149,999	x	HCT011024
\$150,000 or more	x	HCT011025
Tenure by Poverty Status in 1999 by Receipt of Public Assistance Income		
Universe: Occupied housing units		
Total:	x	HCT025001
Owner occupied:	x	HCT025002
Income in 1999 below poverty level:	x	HCT025003
With public assistance income	x	HCT025004
No public assistance income	x	HCT025005
Income in 1999 at or above poverty level:	x	HCT025006
With public assistance income	x	HCT025007
No public assistance income	x	HCT025008
Renter occupied:	x	HCT025009
Income in 1999 below poverty level:	x	HCT025010
With public assistance income	x	HCT025011

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Table	1990 Census Data	2000 Census Data
No public assistance income	x	HCT025012
Income in 1999 at or above poverty level:	x	HCT025013
With public assistance income	x	HCT025014
No public assistance income	x	HCT025015
Tenure by Poverty Status in 1999 by Receipt of Social Security Income		
Universe: Occupied housing units		
Total:	x	HCT026001
Owner occupied:	x	HCT026002
Income in 1999 below poverty level:	x	HCT026003
With Social Security income	x	HCT026004
No Social Security income	x	HCT026005
Income in 1999 at or above poverty level:	x	HCT026006
With Social Security income	x	HCT026007
No Social Security income	x	HCT026008
Renter occupied:	x	HCT026009
Income in 1999 below poverty level:	x	HCT026010
With Social Security income	x	HCT026011
No Social Security income	x	HCT026012
Income in 1999 at or above poverty level:	x	HCT026013
With Social Security income	x	HCT026014
No Social Security income	x	HCT026015
Tenure by Selected Physical and Financial Conditions		
Universe: Occupied housing units		
Total:	x	HCT028001
Owner occupied:	x	HCT028002
With one selected condition	x	HCT028003
With two selected conditions	x	HCT028004
With three selected conditions	x	HCT028005
With four selected conditions	x	HCT028006
No selected conditions	x	HCT028007
Renter occupied:	x	HCT028008
With one selected condition	x	HCT028009
With two selected conditions	x	HCT028010
With three selected conditions	x	HCT028011
With four selected conditions	x	HCT028012
No selected conditions	x	HCT028013

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Table	1990 Census Data	2000 Census Data
Tenure by Occupants per Room		
Universe: Occupied housing units	(SF1)	(SF3)
Total:	Sum(H0220001:10)	H020001
Owner occupied:	Sum(H0220001:05)	H020002
0.50 or less occupants per room	H0220001	H020003
0.51 to 1.00 occupants per room	H0220002	H020004
1.01 to 1.50 occupants per room	H0220003	H020005
1.51 to 2.00 occupants per room	H0220004	H020006
2.01 or more occupants per room	H0220005	H020007
Renter occupied:	Sum(H0220006:10)	H020008
0.50 or less occupants per room	H0220006	H020009
0.51 to 1.00 occupants per room	H0220007	H020010
1.01 to 1.50 occupants per room	H0220008	H020011
1.51 to 2.00 occupants per room	H0220009	H020012
2.01 or more occupants per room	H0220010	H020013
Tenure by Race/Origin of Householder		
Universe: Households		
Total	Sum(H0090001:10)	Sum(Owner occupied 2000, Renter occupied 2000)
Owner occupied:	Sum(H0090001:05)	Sum(H015A002:G002)
White:	H0090001	H015A002
White Alone (not Hispanic)	(H0090001 - H0110001)	H015I002
White Hispanic	H0110001	(H015A002 - H015I002)
Black:	H0090002	H015B002
American Indian, Eskimo, or Aleut:	H0090003	H015C002
Asian or Pacific Islander:	H0090004	Sum(H015D002,E002)
Other Race:	x	H015F002
Two or more:	x	H015G002
All Other Race:	H0090005	Sum(H015F002,G002)
Hispanic Origin:	Sum(H0110001:H0110005)	H015H002
Renter occupied:	Sum(H0090006:10)	Sum(H015A010:G010)
White:	H0090006	H015A010
White Alone (not Hispanic)	(H0090006 - H0110006)	H015I010
White Hispanic	H0110006	(H015A010 - H015I010)
Black:	H0090007	H015B010
American Indian, Eskimo, or Aleut:	H0090008	H015C010
Asian or Pacific Islander:	H0090009	Sum(H015D010,E010)
Other Race:	x	H015F010

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Table	1990 Census Data	2000 Census Data
Two or more:	x	H015G010
All Other Race:	H0090010	Sum(H015F010,G010)
Hispanic Origin:	Sum(H0110006:10)	H015H010
Households by Race		
Universe: Households		
Total	Sum(H0100001:10)	Sum(P015A001:G001)
White:	Sum(H0100001,06)	P015A001
White Alone (not Hispanic)	H0100001	P015I001
White Hispanic	H0100006	(P015A001 - P015I001)
Black:	Sum(H0100002,07)	P015B001
American Indian, Eskimo, or Aleut:	Sum(H0100003,08)	P015C001
Asian or Pacific Islander:	Sum(H0100004,09)	Sum(P015D001,E001)
Other Race:	x	P015F001
Two or more:	x	P015G001
All Other Race:	Sum(H0100005,10)	Sum(P015F001,G001)
Hispanic Origin:	Sum(H0100006:10)	P015H001
Group Quarters Population		
Universe: Persons in group quarters		
Total persons in group quarters	Sum(P0280001:10)	PCT016001
Institutionalized persons:	Sum(P0280001:05)	PCT016002
Correctional institutions (20I-24I, 27I, 28I, 95I)	P0280001	PCT016003
Nursing homes (60I-67I)	P0280002	PCT016010
Mental (Psychiatric) hospitals (45I-48I)	P0280003	PCT016017
Juvenile institutions (01I-05I, 10I-12I, 15I)	P0280004	PCT016025
Other institutions (00I, 06I-09I, 13I, 14I, 16I-19I, 25I, 26I, 29)	P0280005	PCT016002-Sum(PCT016003,10,17,25)
Non-institutionalized persons in group quarters:	Sum(P0280006:10)	PCT016032
College dormitories (87N)	P0280006	PCT016033
Military quarters (96N-98N)	P0280007	PCT016034
Emergency shelters for homeless (82N, 83N)	P0280008	x
Visible in street locations (84N, 85N)	P0280009	x
Other noninstitutional group quarters (00N-81N, 86N, 88N-95N, 99N)	Sum(P0280008:10)	PCT016032-Sum(PCT016033,34)
Presence of Grandchildren in the Household		
Household Type and		

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Table	1990 Census Data	2000 Census Data
Relationship		
Universe: Total Population		
Total:	Sum(P0170001:07)	P009003
Householder	P0170001	P009004
Grandchild	P0170005	P009012
Grandparent Responsible for Basic Needs		
Universe: Population 30 years and over in households		
Total:	x	PCT008001
Grandparents responsible for own grandchildren under 18 years	x	PCT008003
Length of time grandparent responsible for child:		
Less than 6 months	x	PCT008004
6 to 11 months	x	PCT008005
1 to 2 years	x	PCT008006
3 to 4 years	x	PCT008007
5 years or more	x	PCT008008
Income	1990	2000
Interest Dividend or Net Rental Income		
Income in 1989/1999		
Universe: Households		
Total	Sum(P0930001,02)	P061001
With interest, dividend or net rental income	P0930001	P061002
With interest, dividend or net rental income	P0930002	P061003
Social Security Income in 1989/1999		
Universe: Households		
Total	Sum(P0940001,02)	P062001
With Social Security income	P0940001	P062002
No Social Security income	P0940002	P062003
Retirement Income in 1989/1999		
Universe: Households		
Total	Sum(P0960001,02)	P065001
With retirement income	P0960001	P065002
No retirement income	P0960002	P065003
Public Assistance Income in 1989/1999		

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Table	1990 Census Data	2000 Census Data
Universe: Households		
Total	Sum(P0950001,02)	P064001
With public assistance income	P0950001	P064002
No public assistance income	P0950002	P064003
Other Type of Income in 1989/1999		
Universe: Households		
Total	Sum(P0970001,02)	P066001
With other income	P0970001	P066002
No other income	P0970002	P066003
Earnings for 1989, 1999		
Universe: Households		
Total:	Sum(P0890001,2)	P058001
With earnings	P0890001	P058002
No earnings	P0890002	P058003
Poverty Status by Age in 1989/1999		
Universe: Persons for whom poverty status is determined		
Total	Sum(P1170001:24)	P087001
Income in 1989/1999 at or above poverty level	Sum(P1170001:12)	P087010
Under 5 years	P1170001	P087011
5 years	P1170002	P087012
6 to 11 years	P1170003	P087013
12 to 17 years	P1170004	P087014
18 to 64	Sum(P1170005:10)	P087015
65 to 74 years	P1170011	P087016
75 years and over	P1170012	P087017
Income in 1989/1999 below poverty level	Sum(P11700013:24)	P087002
Under 5 years	P1170013	P087003
5 years	P1170014	P087004
6 to 11 years	P1170015	P087005
12 to 17 years	P1170016	P087006
18 to 64	Sum(P1170017:22)	P087007
65 to 74 years	P1170023	P087008
75 years and over	P1170024	P087009
Poverty Status in 1989, 1999 by Age by Household Type		
Universe: Population for whom poverty status is determined		
Total:	Sum(P1220001:54)	P089001

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Table	1990 Census Data	2000 Census Data
Income in 1989, 1999 below poverty level:	Sum(P1220028:54)	P089002
Under 65 years:	Sum(P1220028:36)	P089003
In married-couple families	P1220028	P089004
In other families:	Sum(P1220029,30)	P089005
Male householder, no wife present	P1220029	P089006
Female householder, no husband present	P1220030	P089007
Unrelated individuals	Sum(P1220031:35)	P089008
Filler	P1220036	
65 to 74 years:	Sum(P1220037:45)	P089009
In married-couple families	P1220037	P089010
In other families:	Sum(P1220038,39)	P089011
Male householder, no wife present	P1220038	P089012
Female householder, no husband present	P1220039	P089013
Unrelated individuals	Sum(P1220040:44)	P089014
Filler	P1220045	
75 years and over:	Sum(P1220046:54)	P089015
In married-couple families	P1220046	P089016
In other families:	Sum(P1220047,48)	P089017
Male householder, no wife present	P1220047	P089018
Female householder, no husband present	P1220048	P089019
Unrelated individuals	Sum(P1220049:53)	P089020
Filler	P1220054	
Income in 1989, 1999 at or above poverty level:	Sum(P1220001:27)	P089021
Under 65 years:	Sum(P1220002:09)	P089022
In married-couple families	P1220001	P089023
In other families:	Sum(P1220002,03)	P089024
Male householder, no wife present	P1220002	P089025
Female householder, no husband present	P1220003	P089026
Unrelated individuals	Sum(P1220004:8)	P089027
Filler	P1220009	
65 to 74 years:	Sum(P1220010:18)	P089028
In married-couple families	P1220010	P089029
In other families:	Sum(P1220011,12)	P089030
Male householder, no wife present	P1220011	P089031
Female householder, no husband present	P1220012	P089032
Unrelated individuals	Sum(P1220013:17)	P089033

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Table	1990 Census Data	2000 Census Data
Filler	P1220018	
75 years and over:	Sum(P1220019:27)	P089034
In married-couple families	P1220019	P089035
In other families:	Sum(P1220020,21)	P089036
Male householder, no wife present	P1220020	P089037
Female householder, no husband present	P1220021	P089038
Unrelated individuals	Sum(P1220022:26)	P089039
Filler	P1220027	
Poverty Status in 1999 of Households by Household Type by Age of Householder		
Universe: Households		
Total:	x	P092001
Income in 1999 below poverty level:	x	P092002
Family households:	x	P092003
Married-couple family:	x	P092004
Householder under 25 years	x	P092005
Householder 25 to 44 years	x	P092006
Householder 45 to 64 years	x	P092007
Householder 65 years and over	x	P092008
Other family:	x	P092009
Male householder, no wife present:	x	P092010
Householder under 25 years	x	P092011
Householder 25 to 44 years	x	P092012
Householder 45 to 64 years	x	P092013
Householder 65 years and over	x	P092014
Female householder, no husband present:	x	P092015
Householder under 25 years	x	P092016
Householder 25 to 44 years	x	P092017
Householder 45 to 64 years	x	P092018
Householder 65 years and over	x	P092019
Nonfamily households:	x	P092020
Male householder:	x	P092021
Householder under 25 years	x	P092022
Householder 25 to 44 years	x	P092023
Householder 45 to 64 years	x	P092024
Householder 65 years and over	x	P092025
Female householder:	x	P092026
Householder under 25 years	x	P092027
Householder 25 to 44 years	x	P092028
Householder 45 to 64 years	x	P092029
Householder 65 years and over	x	P092030

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Table	1990 Census Data	2000 Census Data
Income in 1999 at or above poverty level:	x	P092031
Family households:	x	P092032
Married-couple family:	x	P092033
Householder under 25 years	x	P092034
Householder 25 to 44 years	x	P092035
Householder 45 to 64 years	x	P092036
Householder 65 years and over	x	P092037
Other family:	x	P092038
Male householder, no wife present:	x	P092039
Householder under 25 years	x	P092040
Householder 25 to 44 years	x	P092041
Householder 45 to 64 years	x	P092042
Householder 65 years and over	x	P092043
Female householder, no husband present:	x	P092044
Householder under 25 years	x	P092045
Householder 25 to 44 years	x	P092046
Householder 45 to 64 years	x	P092047
Householder 65 years and over	x	P092048
Nonfamily households:	x	P092049
Male householder:	x	P092050
Householder under 25 years	x	P092051
Householder 25 to 44 years	x	P092052
Householder 45 to 64 years	x	P092053
Householder 65 years and over	x	P092054
Female householder:	x	P092055
Householder under 25 years	x	P092056
Householder 25 to 44 years	x	P092057
Householder 45 to 64 years	x	P092058
Householder 65 years and over	x	P092059
Poverty Status in 1999 of Households by Household Type by Age of Householder Comparison		
Universe: Households		
Total:	Sum(P1270001:30)	P092001
Income in 1989,1999 above poverty level:	Sum(P1270001:15)	P092031
Householder under 65 years:	Sum(P1270001:5)	Sum(P092034:36,40:42,45:47,51:53,56:58)
Married couple family	P1270001	Sum(P092034:36)
Other family:	Sum(P1270002,3)	Sum(P092040:42,45:47)
Male householder, no wife present	P1270002	Sum(P092040:42)
Female householder, no husband present	P1270003	Sum(P092045:47)

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Table	1990 Census Data	2000 Census Data
Nonfamily households:	Sum(P1270004,5)	Sum(P092050:53,56:58)
Householder 65 years and over:	Sum(P1270006:15)	Sum(P092037,43,48,54,59)
Married couple family	Sum(P1270006,11)	P092037
Other family:	Sum(P1270007,8,12,13)	Sum(P092043,48)
Male householder, no wife present	Sum(P1270007,12)	P092043
Female householder, no husband present	Sum(P1270008,13)	P092048
Nonfamily households:	Sum(P1270009,10,14,15)	Sum(P092054,59)
Income in 1989,1999 below poverty level:	Sum(P12700016:30)	P092002
Householder under 64 years:	Sum(P12700016:20)	Sum(P092005:07,11:13,16:18,22:24,27:29)
Married couple family	P1270016	P092008
Other family:	Sum(P1270017,18)	Sum(P092011:13,16-18)
Male householder, no wife present	P1270017	P092014
Female householder, no husband present	P1270018	P092019
Nonfamily households:	Sum(P12700019,20)	Sum(P092025,30)
Householder over 65 years:	Sum(P12700021:30)	Sum(P092008,14,19,25,30)
Married couple family	Sum(P1270021,26)	Sum(P092005:07)
Other family:	Sum(P1270022,23,27,28)	Sum(P092014,19)
Male householder, no wife present	Sum(P1270022,27)	Sum(P092011:13)
Female householder, no husband present	Sum(P1270023,28)	Sum(P092016:18)
Nonfamily households:	Sum(P1270024,25,29,30)	Sum(P092022:24,27:29)
Household Income		
Universe: Households		
Total	Sum(P0800001:25)	P052001
Less than \$10,000	Sum(P0800001,02)	P052002
\$10,000 to \$14,999	Sum(P0800003,04)	P052003
\$15,000 to \$19,999	Sum(P0800005,06)	P052004
\$20,000 to \$24,999	Sum(P0800007,08)	P052005
\$25,000 to \$29,999	Sum(P0800009,10)	P052006
\$30,000 to \$34,999	Sum(P0800011,12)	P052007
\$35,000 to \$39,999	Sum(P0800013,14)	P052008
\$40,000 to \$44,999	Sum(P0800015,16)	P052009
\$45,000 to \$49,999	Sum(P0800017,18)	P052010
\$50,000 to \$59,999	Sum(P0800019,20)	P052011
\$60,000 to \$74,999	P0800021	P052012
\$75,000 to \$99,999	P0800022	P052013
\$100,000 to \$124,999	P0800023	P052014
\$125,000 to \$149,999	P0800024	P052015
\$150,000 or more	P0800025	P052016,17
\$150,000 to \$199,999	x	P052016

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
\$200,000 or more	x	P052017
Median Household Income in 1989, 1999		
Universe: Households	P080A001	P053001
Household Income in 1989/1999 by Selected Monthly Owner Costs as a Percentage of HH Income		
Universe: Specified owner occupied housing units		
Total	Sum(H0590001:30)	H097001
Less than \$10,000:	Sum(H0590001:06)	H097002
Less than 20 percent	H0590001	H097003
20 to 24 percent	H0590002	H097004
25 to 29 percent	H0590003	H097005
30 to 34 percent	H0590004	H097006
35 percent or more	H0590005	H097007
Not computed	H0590006	H097008
\$10,000 to \$19,999:	Sum(H0590007:12)	H097009
Less than 20 percent	H0590007	H097010
20 to 24 percent	H0590008	H097011
25 to 29 percent	H0590009	H097012
30 to 34 percent	H0590010	H097013
35 percent or more	H0590011	H097014
Not computed	H0590012	H097015
\$20,000 to \$34,999:	Sum(H0590013:18)	H097016
Less than 20 percent	H0590013	H097017
20 to 24 percent	H0590014	H097018
25 to 29 percent	H0590015	H097019
30 to 34 percent	H0590016	H097020
35 percent or more	H0590017	H097021
Not computed	H0590018	H097022
\$35,000 to \$49,999:	Sum(H0590019:24)	H097023
Less than 20 percent	H0590019	H097024
20 to 24 percent	H0590020	H097025
25 to 29 percent	H0590021	H097026
30 to 34 percent	H0590022	H097027
35 percent or more	H0590023	H097028
Not computed	H0590024	H097029
\$50,000 or more:	Sum(H0590025:30)	Sum(H097030,37,44,51)
Less than 20 percent	H0590025	Sum(H097031,38,45,52)
20 to 24 percent	H0590026	Sum(H097032,39,46,53)
25 to 29 percent	H0590027	Sum(H097033,40,47,54)
30 to 34 percent	H0590028	Sum(H097034,41,48,55)
35 percent or more	H0590029	Sum(H097035,42,49,56)
Not computed	H0590030	Sum(H097036,43,50,57)

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
\$50,000 to \$74,999:	x	H097030
Less than 20 percent	x	H097031
20 to 24 percent	x	H097032
25 to 29 percent	x	H097033
30 to 34 percent	x	H097034
35 percent or more	x	H097035
Not computed		H097036
\$75,000 to \$99,999:	x	H097037
Less than 20 percent	x	H097038
20 to 24 percent	x	H097039
25 to 29 percent	x	H097040
30 to 34 percent	x	H097041
35 percent or more	x	H097042
Not computed	x	H097043
\$100,000 to \$149,999	x	H097044
Less than 20 percent	x	H097045
20 to 24 percent	x	H097046
25 to 29 percent	x	H097047
30 to 34 percent	x	H097048
35 percent or more	x	H097049
Not computed	x	H097050
150,000 or More	x	H097051
Less than 20 percent	x	H097052
20 to 24 percent	x	H097053
25 to 29 percent	x	H097054
30 to 34 percent	x	H097055
35 percent or more	x	H097056
Not computed	x	H097057
Household Income in 1989/1999 by Gross Rent as a Percentage of HH Income in 1989/1999		
Universe: Specified renter occupied housing units		
Total:	Sum(H0500001:30)	H073001
Less than \$10,000:	Sum(H0500001:06)	H073002
Less than 20 percent	H0500001	H073003
20 to 24 percent	H0500002	H073004
25 to 29 percent	H0500003	H073005
30 to 34 percent	H0500004	H073006
35 percent or more	H0500005	H073007
Not computed	H0500006	H073008
\$10,000 to \$19,999:	Sum(H0500007:12)	H073009
Less than 20 percent	H0500007	H073010
20 to 24 percent	H0500008	H073011
25 to 29 percent	H0500009	H073012
30 to 34 percent	H0500010	H073013

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
35 percent or more	H0500011	H073014
Not computed	H0500012	H073015
\$20,000 to \$34,999:	Sum(H0500013:18)	H073016
Less than 20 percent	H0500013	H073017
20 to 24 percent	H0500014	H073018
25 to 29 percent	H0500015	H073019
30 to 34 percent	H0500016	H073020
35 percent or more	H0500017	H073021
Not computed	H0500018	H073022
\$35,000 to \$49,999:	Sum(H0500019:24)	H073023
Less than 20 percent	H0500019	H073024
20 to 24 percent	H0500020	H073025
25 to 29 percent	H0500021	H073026
30 to 34 percent	H0500022	H073027
35 percent or more	H0500023	H073028
Not computed	H0500024	H073029
\$50,000 or more:	Sum(H0500025:30)	Sum(H073030,37,44)
Less than 20 percent	H0500025	Sum(H073031,38,45)
20 to 24 percent	H0500026	Sum(H073032,39,46)
25 to 29 percent	H0500027	Sum(H073033,40,47)
30 to 34 percent	H0500028	Sum(H073034,41,48)
35 percent or more	H0500029	Sum(H073035,42,49)
Not computed	H0500030	Sum(H073036,43,50)
\$50,000 to \$74,999:	x	H073030
Less than 20 percent	x	H073031
20 to 24 percent	x	H073032
25 to 29 percent	x	H073033
30 to 34 percent	x	H073034
35 percent or more	x	H073035
Not computed	x	H073036
\$75,000 to \$99,999:	x	H073037
Less than 20 percent	x	H073038
20 to 24 percent	x	H073039
25 to 29 percent	x	H073040
30 to 34 percent	x	H073041
35 percent or more	x	H073042
Not computed	x	H073043
\$100,000 or More	x	H073044
Less than 20 percent	x	H073045
20 to 24 percent	x	H073046
25 to 29 percent	x	H073047
30 to 34 percent	x	H073048
35 percent or more	x	H073049
Not computed	x	H073050
Value For Specified Owner Occupied Housing Units		

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
Universe: Specified Owner Occupied Housing Units		
Total	Sum(H0610001:20)	H074001
Less than \$10,000	x	H074002
\$10,000 to \$14,999	x	H074003
Less than \$15,000	H0610001	Sum(H074002,03)
\$15,000 to \$19,999	H0610002	H074004
\$20,000 to \$24,999	H0610003	H074005
\$25,000 to \$29,999	H0610004	H074006
\$30,000 to \$34,999	H0610005	H074007
\$35,000 to \$39,999	H0610006	H074008
\$40,000 to \$44,999	H0610007	x
\$40,000 to \$49,999	Sum(H0610007,08)	H074009
\$45,000 to \$49,999	H0610008	x
\$50,000 to \$59,999	H0610009	H074010
\$60,000 to \$69,999	x	H074011
\$60,000 to \$74,999	H0610010	x
\$60,000 to \$99,999	Sum(H0610010,11)	Sum(H074011:14)
\$70,000 to \$79,999	x	H074012
\$80,000 to \$89,999	x	H074013
\$90,000 to \$99,999	x	H074014
\$75,000 to \$99,999	H0610011	x
\$100,000 to \$124,999	H0610012	H074015
\$125,000 to \$149,999	H0610013	H074016
\$150,000 to \$174,999	H0610014	H074017
\$175,000 to \$199,999	H0610015	H074018
\$200,000 to \$249,999	H0610016	H074019
\$250,000 to \$299,999	H0610017	H074020
\$300,000 to \$399,999	H0610018	H074021
\$400,000 to \$499,999	H0610019	H074022
\$500,000 or more	H0610020	Sum(H074023:25)
\$500,000 to \$749,999	x	H074023
\$750,000 to \$999,999	x	H074024
\$1,000,000 or More	x	H074025
Median Housing Unit Value		
Universe: Specified owner occupied housing units	H061A001	H076001
Inclusion of Utilities in Rent		
Universe: specified renter occupied housing units		
Total	Sum(H0490001,02)	H068001
Pay extra for 1 or more utilities	H0490001	H068002
No extra payment for any utilities	H0490002	H068003

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
Gross Rent		
Universe: specified renter occupied housing units		
Total	Sum(H0430001:17)	H062001
With cash rent:	Sum(H0430001:16)	H062002
Less than \$100	H0430001	H062003
\$100 to \$149	H0430002	H062004
\$150 to \$199	H0430003	H062005
\$200 to \$249	H0430004	H062006
\$250 to \$299	H0430005	H062007
\$300 to \$349	H0430006	H062008
\$350 to \$399	H0430007	H062009
\$400 to \$449	H0430008	H062010
\$450 to \$499	H0430009	H062011
\$500 to \$549	H0430010	H062012
\$550 to \$599	H0430011	H062013
\$600 to \$649	H0430012	H062014
\$650 to \$699	H0430013	H062015
\$700 to \$749	H0430014	H062016
\$750 to \$799	x	H062017
\$800 to \$899	x	H062018
\$900 to \$999	x	H062019
\$750 to \$999	H0430015	Sum(H062017:19)
\$1,000 or more	H0430016	Sum(H062020:23)
\$1,000 to \$1,249	x	H062020
\$1,250 to \$1,499	x	H062021
\$1,500 to \$1,999	x	H062022
\$2,000 or more	x	H062023
No cash rent	H0430017	H062024
Median Gross Rent		
Universe: Specified renter occupied housing units paying cash rent	H043A001	H063001
Meals Included in Rent		
Universe: Specified renter occupied housing units paying cash rent		
Total	Sum(H0470001,02)	H053001
Meals included in rent	H0470001	Sum(H053003,06,09,12)
No meals included in rent	H0470002	Sum(H053004,07,10,13)
Householder 15 to 54 years:	x	H053002
Meals included in rent	x	H053003
No meals included in rent	x	H053004
Householder 55 to 64 years:	x	H053005
Meals included in rent	x	H053006
No meals included in rent	x	H053007

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Table	1990 Census Data	2000 Census Data
Householder 65 to 74 years:	x	H053008
Meals included in rent	x	H053009
No meals included in rent	x	H053010
Householder 75 years over:	x	H053011
Meals included in rent	x	H053012
No meals included in rent	x	H053013
Mortgage Status & Selected Monthly Owner Costs		
Universe: <i>Specified</i> owner occupied housing units		
Total:	Sum(H0520001:21)	H090001
With a mortgage:	Sum(H0520001:13)	H090002
Less than \$200	H0520001	H090003
\$200 to \$299	H0520002	H090004
\$300 to \$399	H0520003	H090005
\$400 to \$499	H0520004	H090006
\$500 to \$599	H0520005	H090007
\$600 to \$699	H0520006	H090008
\$700 to \$799	H0520007	H090009
\$800 to \$899	H0520008	H090010
\$900 to \$999	H0520009	H090011
\$1,000 to \$1,249	H0520010	H090012
\$1,250 to \$1,499	H0520011	H090013
\$1,500 to \$1,999	H0520012	H090014
\$2,000 or more	H0520013	Sum(H090015:17)
\$2,000 to \$2,499	x	H090015
\$2,500 to \$2,999	x	H090016
\$3,000 or more	x	H090017
Not mortgaged:	Sum(H0520014:21)	H090018
Less than \$100	H0520014	H090019
\$100 to \$149	H0520015	H090020
\$150 to \$199	H0520016	H090021
\$200 to \$249	H0520017	H090022
\$250 to \$299	H0520018	H090023
\$300 to \$349	H0520019	H090024
\$350 to \$399	H0520020	H090025
\$400 or more	H0520021	Sum(H090026:32)
\$400 to \$499	x	H090026
\$500 to \$599	x	H090027
\$600 to \$699	x	H090028
\$700 to \$799	x	H090029
\$800 to \$899	x	H090030
\$900 to \$999	x	H090031
\$1000 or more	x	H090032

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Table	1990 Census Data	2000 Census Data
Mortgage Status and Selected Monthly Owner Cost		
Universe: Owner-occupied housing units		
Total:	x	H098001
Housing units with a mortgage:	x	H098002
Less than \$200	x	H098003
\$200 to \$299	x	H098004
\$300 to \$399	x	H098005
\$400 to \$499	x	H098006
\$500 to \$599	x	H098007
\$600 to \$699	x	H098008
\$700 to \$799	x	H098009
\$800 to \$899	x	H098010
\$900 to \$999	x	H098011
\$1,000 to \$1,249	x	H098012
\$1,250 to \$1,499	x	H098013
\$1,500 to \$1,999	x	H098014
\$2,000 to \$2,499	x	H098015
\$2,500 to \$2,999	x	H098016
\$3,000 or more	x	H098017
Housing units without a mortgage:	x	H098018
Less than \$100	x	H098019
\$100 to \$149	x	H098020
\$150 to \$199	x	H098021
\$200 to \$249	x	H098022
\$250 to \$299	x	H098023
\$300 to \$349	x	H098024
\$350 to \$399	x	H098025
\$400 to \$499	x	H098026
\$500 to \$599	x	H098027
\$600 to \$699	x	H098028
\$700 to \$799	x	H098029
\$800 to \$899	x	H098030
\$900 to \$999	x	H098031
\$1,000 or more	x	H098032
Mortgage Status and Median Selected Monthly Owner Cost		
Universe: Specified owner-occupied housing units		
Housing units with a mortgage	H052A001	H091001
Housing units without a mortgage	H052A002	H091002
Mortgage Status & Selected Monthly Owner Costs		

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
Universe: Owner occupied housing units (not specified)		
Total:	x	H098001
Housing units with a mortgage:	x	H098002
Less than \$200	x	H098003
\$200 to \$299	x	H098004
\$300 to \$399	x	H098005
\$400 to \$499	x	H098006
\$500 to \$599	x	H098007
\$600 to \$699	x	H098008
\$700 to \$799	x	H098009
\$800 to \$899	x	H098010
\$900 to \$999	x	H098011
\$1,000 to \$1,249	x	H098012
\$1,250 to \$1,499	x	H098013
\$1,500 to \$1,999	x	H098014
\$2,000 to \$2,499	x	H098015
\$2,500 to \$2,999	x	H098016
\$3,000 or more	x	H098017
Housing units without a mortgage:	x	H098018
Less than \$100	x	H098019
\$100 to \$149	x	H098020
\$150 to \$199	x	H098021
\$200 to \$249	x	H098022
\$250 to \$299	x	H098023
\$300 to \$349	x	H098024
\$350 to \$399	x	H098025
\$400 to \$499	x	H098026
\$500 to \$599	x	H098027
\$600 to \$699	x	H098028
\$700 to \$799	x	H098029
\$800 to \$899	x	H098030
\$900 to \$999	x	H098031
\$1,000 or more	x	H098032
Mortgage Status by Selected Monthly Owner Costs as a % of Household Income		
Universe: Specified owner-occupied housing units		
Total:	Sum(H0580001:12)	H094001
Housing units with a mortgage:	Sum(H0580001:6)	H094002
Less than 10 percent		H094003
10 to 14 percent		H094004
15 to 19 percent		H094005
Less than 20 percent	H0580001	Sum(H094003:5)

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Table	1990 Census Data	2000 Census Data
20 to 24 percent	H0580002	H094006
25 to 29 percent	H0580003	H094007
30 to 34 percent	H0580004	H094008
35 percent or more	H0580005	Sum(H094009:11)
35 to 39 percent		H094009
40 to 49 percent		H094010
50 percent or more		H094011
Not computed	H0580006	H094012
Housing units without a mortgage:	Sum(H0580007:12)	H094013
Less than 10 percent		H094014
10 to 14 percent		H094015
15 to 19 percent		H094016
Less than 20 percent	H0580007	Sum(H094014:16)
20 to 24 percent	H0580008	H094017
25 to 29 percent	H0580009	H094018
30 to 34 percent	H0580010	H094019
35 percent or more	H0580011	Sum(H094020:22)
35 to 39 percent		H094020
40 to 49 percent		H094021
50 percent or more		H094022
Not computed	H0580012	H094023
Second Mortgage Status		
Universe: Specified owner-occupied housing units		
Total:	x	H080001
Housing units with a mortgage, contract to purchase, or similar debt:	x	H080002
With either a second mortgage or home equity loan, but not both:	x	H080003
Second mortgage only	x	H080004
Home equity loan only	x	H080005
Both second mortgage and home equity loan	x	H080006
No second mortgage and no home equity loan	x	H080007
Housing units without a mortgage	x	H080008
Aggregate Value (dollars) by Mortgage Status		
Universe: Specified owner-occupied housing units		
Aggregate value:	Sum(H0620001,2)	H081001
Housing units with a mortgage	H0620001	H081002

Bi-State Regional Housing Partnership

Table	1990 Census Data	2000 Census Data
Housing units without a mortgage	H0620002	H081003
Real Estate Property Tax		
Universe: Specified owner-occupied housing units		
Total:	x	HCT19001
Less than \$200	x	HCT19002
\$200 to \$299	x	HCT19003
\$300 to \$399	x	HCT19004
\$400 to \$599	x	HCT19005
\$600 to \$799	x	HCT19006
\$800 to \$999	x	HCT19007
\$1,000 to \$1,499	x	HCT19008
\$1,500 to \$1,999	x	HCT19009
\$2,000 to \$2,999	x	HCT19010
\$3,000 to \$3,999	x	HCT19011
\$4,000 to \$4,999	x	HCT19012
\$5,000 to \$7,499	x	HCT19013
\$7,500 to \$9,999	x	HCT19014
\$10,000 or more	x	HCT19015
No real estates taxes paid	x	HCT19016
Age of Householder by Household Income 1989, 1999 (SF3)		
Universe: Households		
Total:	Sum(P0860001:63)	P055001
Householder under 25 years:	Sum(P0860001:09)	P055002
Less than \$10,000	Sum(P0860001,02)	P055003
\$10,000 to \$14,999	P0860003	P055004
\$15,000 to \$24,999	P0860004	Sum(P055005,06)
\$25,000 to \$34,999	P0860005	Sum(P055007,08)
\$35,000 to \$49,999	P0860006	Sum(P055009:11)
\$50,000 to \$74,999	P0860007	Sum(P055012,13)
\$75,000 to \$99,999	P0860008	P055014
\$100,000 or more	P0860009	Sum(P055015:18)
\$100,000 to \$124,999	x	P055015
\$125,000 to \$149,999	x	P055016
\$150,000 to \$199,999	x	P055017
\$200,000 or more	x	P055018
Householder 25 to 34 years:	Sum(P0860010:18)	P055019
Less than \$10,000	Sum(P0860010,11)	P055020
\$10,000 to \$14,999	P0860012	P055021
\$15,000 to \$24,999	P0860013	Sum(P055022,23)
\$25,000 to \$34,999	P0860014	Sum(P055024,25)
\$35,000 to \$49,999	P0860015	Sum(P055026:28)
\$50,000 to \$74,999	P0860016	Sum(P055029,30)

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Table	1990 Census Data	2000 Census Data
\$75,000 to \$99,999	P0860017	P055031
\$100,000 or more	P0860018	Sum(P055032:35)
\$100,000 to \$124,999	x	P055032
\$125,000 to \$149,999	x	P055033
\$150,000 to \$199,999	x	P055034
\$200,000 or more	x	P055035
Householder 35 to 44 years:	Sum(P0860019:27)	P055036
Less than \$10,000	Sum(P0860019,20)	P055037
\$10,000 to \$14,999	P0860021	P055038
\$15,000 to \$24,999	P0860022	Sum(P055039,40)
\$25,000 to \$34,999	P0860023	Sum(P055041,42)
\$35,000 to \$49,999	P0860024	Sum(P055043:45)
\$50,000 to \$74,999	P0860025	Sum(P055046,47)
\$75,000 to \$99,999	P0860026	P055048
\$100,000 or more	P0860027	Sum(P055049:52)
\$100,000 to \$124,999		P055049
\$125,000 to \$149,999		P055050
\$150,000 to \$199,999		P055051
\$200,000 or more		P055052
Householder 45 to 54 years:	Sum(P0860028:36)	P055053
Less than \$10,000	Sum(P0860028,29)	P055054
\$10,000 to \$14,999	P0860030	P055055
\$15,000 to \$24,999	P0860031	Sum(P055056,57)
\$25,000 to \$34,999	P0860032	Sum(P055058,59)
\$35,000 to \$49,999	P0860033	Sum(P055060:62)
\$50,000 to \$74,999	P0860034	Sum(P055063,64)
\$75,000 to \$99,999	P0860035	P055065
\$100,000 or more	P0860036	Sum(P055066:69)
\$100,000 to \$124,999	x	P055066
\$125,000 to \$149,999	x	P055067
\$150,000 to \$199,999	x	P055068
\$200,000 or more	x	P055069
Householder 55 to 64 years:	Sum(P0860037:45)	P055070
Less than \$10,000	Sum(P0860037,38)	P055071
\$10,000 to \$14,999	P0860039	P055072
\$15,000 to \$24,999	P0860040	Sum(P055073,74)
\$25,000 to \$34,999	P0860041	Sum(P055075,76)
\$35,000 to \$49,999	P0860042	Sum(P055077:79)
\$50,000 to \$74,999	P0860043	Sum(P055080,81)
\$75,000 to \$99,999	P0860044	P055082
\$100,000 or more	P0860045	Sum(P055083:86)
\$100,000 to \$124,999	x	P055083
\$125,000 to \$149,999	x	P055084
\$150,000 to \$199,999	x	P055085
\$200,000 or more	x	P055086
Householder 65 to 74 years:	Sum(P0860046:54)	P055087
Less than \$10,000	Sum(P0860046,47)	P055088

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Table	1990 Census Data	2000 Census Data
\$10,000 to \$14,999	P0860048	P055089
\$15,000 to \$24,999	P0860049	Sum(P055090,91)
\$25,000 to \$34,999	P0860050	Sum(P055092,93)
\$35,000 to \$49,999	P0860051	Sum(P055094,96)
\$50,000 to \$74,999	P0860052	Sum(P055097,98)
\$75,000 to \$99,999	P0860053	P055099
\$100,000 or more	P0860054	Sum(P055100:103)
\$100,000 to \$124,999	x	P055100
\$125,000 to \$149,999	x	P055101
\$150,000 to \$199,999	x	P055102
\$200,000 or more	x	P055103
Householder 75 years and over:	Sum(P0860055:63)	P055104
Less than \$10,000	Sum(P0860055,56)	P055105
\$10,000 to \$14,999	P0860057	P055106
\$15,000 to \$24,999	P0860058	Sum(P055107,108)
\$25,000 to \$34,999	P0860059	Sum(P055109,110)
\$35,000 to \$49,999	P0860060	Sum(P055111:113)
\$50,000 to \$74,999	P0860061	Sum(P055114,115)
\$75,000 to \$99,999	P0860062	P055116
\$100,000 or more	P0860063	Sum(P055117:120)
\$100,000 to \$124,999	x	P055117
\$125,000 to \$149,999	x	P055118
\$150,000 to \$199,999	x	P055119
\$200,000 or more	x	P055120
Employment	1990	2000
Sex by Employment Status		
Universe: Persons 16 years and over		
Total:	Sum(P0700001:08)	P043001
Male:	Sum(P0700001:04)	P043002
In labor force:	Sum(P0700001:03)	P043003
In Armed Forces	P0700001	P043004
Civilian:	Sum(P0700002:03)	P043005
Employed	P0700002	P043006
Unemployed	P0700003	P043007
Not in labor force	P0700004	P043008
Female:	Sum(P0700005:08)	P043009
In labor force:	Sum(P0700005:07)	P043010
In Armed Forces	P0700005	P043011
Civilian:	Sum(P0700006:07)	P043012
Employed	P0700006	P043013
Unemployed	P0700007	P043014
Not in labor force	P0700008	P043015
Family Type by Employment Status		

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Table	1990 Census Data	2000 Census Data
Universe: Families		
Total:	x	P044001
Married-couple family:	x	P044002
Husband in labor force:	x	P044003
Employed or in Armed Forces:	x	P044004
Wife in labor force:	x	P044005
Employed or in Armed Forces	x	P044006
Unemployed	x	P044007
Wife not in labor force	x	P044008
Unemployed:	x	P044009
Wife in labor force:	x	P044010
Employed or in Armed Forces	x	P044011
Unemployed	x	P044012
Wife not in labor force	x	P044013
Husband not in labor force:	x	P044014
Wife in labor force:	x	P044015
Employed or in Armed Forces	x	P044016
Unemployed	x	P044017
Wife not in labor force	x	P044018
Other family:	x	P044019
Male householder, no wife present:	x	P044020
In labor force:	x	P044021
Employed or in Armed Forces	x	P044022
Unemployed	x	P044023
Not in labor force	x	P044024
Female householder, no husband present:	x	P044025
In labor force:	x	P044026
Employed or in Armed Forces	x	P044027
Unemployed	x	P044028
Not in labor force	x	P044029
Location of Work		
Universe: Workers 16 years and over		
Total:	Sum(P0450001:03)	P026001
Worked in state of residence:	Sum(P0450001,02)	P026002
Worked in county of residence	P0450001	P026003
Worked outside county of residence	P0450002	P026004
Worked outside state of residence	P0450003	P026005
Industry- Comparable		
Universe: Employed persons 16 years		
Agriculture, forestry, and	P0770001	P049004

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Table	1990 Census Data	2000 Census Data
fisheries		
Mining	P0770002	P049005
Construction	P0770003	P049006
Manufacturing	Sum(P0770004,05)	P049007
Wholesale trade	P0770008	P049008
Retail trade	P0770009	P049009
Public administration	P0770017	P049028
Industry		
Universe: Employed persons 16 years		
Agriculture, forestry, and fisheries	P0770001	x
Mining	P0770002	x
Construction	P0770003	x
Manufacturing	Sum(P0770004,05)	x
Transportation	P0770006	x
Communications and other public utilities	P0770007	x
Wholesale trade	P0770008	x
Retail trade	P0770009	x
Finance, insurance, and real estate	P0770010	x
Business and repair services	P0770011	x
Personal services	P0770012	x
Entertainment and recreation services	P0770013	x
Professional and related services:	Sum(P0770014:16)	x
Health services	P0770014	x
Educational services	P0770015	x
Other professional and related services	P0770016	x
Public administration	P0770017	x
Industry		
Universe: Employed civilian population 16 years and over		
Total:	x	P049001
Male	x	P049002
Female	x	P049029
Agriculture, forestry, fishing and hunting, and mining:	x	Sum(P049003,30)
Agriculture, forestry, fishing and hunting	x	Sum(P049004,31)
Mining	x	Sum(P049005,32)
Construction	x	Sum(P049006,33)
Manufacturing	x	Sum(P049007,34)
Wholesale trade	x	Sum(P049008,35)
Retail trade	x	Sum(P049009,36)

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Table	1990 Census Data	2000 Census Data
Transportation and warehousing, and utilities:	x	Sum(P049010,37)
Transportation and warehousing	x	Sum(P049011,38)
Utilities	x	Sum(P049012,39)
Information	x	Sum(P049013,40)
Finance, insurance, real estate and rental and leasing:	x	Sum(P049014,41)
Finance and insurance	x	Sum(P049015,42)
Real estate and rental and leasing	x	Sum(P049016,43)
Professional, scientific, management, administrative, and waste management services:	x	Sum(P049017,44)
Professional, scientific, and technical services	x	Sum(P049018,45)
Management of companies and enterprises	x	Sum(P049019,46)
Administrative, support, and waste management services	x	Sum(P049020,47)
Educational, health and social services:	x	Sum(P049021,48)
Educational services	x	Sum(P049022,49)
Health care and social assistance	x	Sum(P049023,50)
Arts, entertainment, recreation, accommodation and food services:	x	Sum(P049024,51)
Arts, entertainment, and recreation	x	Sum(P049025,52)
Accommodation and food services	x	Sum(P049026,53)
Other services (except public administration)	x	Sum(P049027,54)
Public administration	x	Sum(P049028,55)
Occupation		
Universe: Employed persons 16 years and over		
Total	Sum(P0780001:13)	x
Managerial and professional specialty:	Sum(P0780001:05)	x
Executive, administrative, and managerial	P0780001	x
Professional specialty occupations	P0780002	x
Technical, sales, and administrative support:	P0780003	x
Sales occupations	P0780004	x
Administrative support occupations, including clerical	P0780005	x

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Table	1990 Census Data	2000 Census Data
Service occupations :	Sum(P0780006:08)	x
Private household occupations	P0780006	x
Protective service occupations	P0780007	x
Service occupations, except protective and household	P0760008	x
Farming, forestry, and fishing	P0780009	x
Precision production, craft, and repair	P0780010	x
Operators, fabricators, and laborers:	Sum(P07800011:13)	x
Machine operators, assemblers, and inspectors	P0780011	x
Transportation and material moving	P0780012	x
Handlers, equipment cleaners, helpers and laborers	P0780013	x
Occupation		
Universe: Employed civilian population 16 years and over		
Total:	x	P050001
Male	x	P050002
Female	x	P050049
Management, professional, and related occupations:	x	Sum(P050003,50)
Management, business, and financial operations occupations:	x	Sum(P050004,51)
Management occupations, except farmers and farm managers	x	Sum(P050005,52)
Farmers and farm managers	x	Sum(P050006,53)
Business and financial operations occupations:	x	Sum(P050007,54)
Business operations specialists	x	Sum(P050008,55)
Financial specialists	x	Sum(P050009,56)
Professional and related occupations:	x	Sum(P050010,57)
Computer and mathematical occupations	x	Sum(P050011,58)
Architecture and engineering occupations:	x	Sum(P050012,59)
Architects, surveyors, cartographers, and engineers	x	Sum(P050013,60)
Drafters, engineering, and mapping technicians	x	Sum(P050014,61)
Life, physical, and social science occupations	x	Sum(P050015,62)
Community and social services occupations	x	Sum(P050016,63)
Legal occupations	x	Sum(P050017,64)

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Table	1990 Census Data	2000 Census Data
Education, training, and library occupations	x	Sum(P050018,65)
Arts, design, entertainment, sports, and media occupations	x	Sum(P050019,66)
Healthcare practitioners and technical occupations:	x	Sum(P050020,67)
Health diagnosing and treating practitioners and technical occupations	x	Sum(P050021,68)
Health technologists and technicians	x	Sum(P050022,69)
Service occupations:	x	Sum(P050023,70)
Healthcare support occupations	x	Sum(P050024,71)
Protective service occupations:	x	Sum(P050025,72)
Fire fighting, prevention, and law enforcement workers, including supervisors	x	Sum(P050026,73)
Other protective service workers, including supervisors	x	Sum(P050027,74)
Food preparation and serving related occupations	x	Sum(P050028,75)
Building and grounds cleaning and maintenance occupations	x	Sum(P050029,76)
Personal care and service occupations	x	Sum(P050030,77)
Sales and office occupations:	x	Sum(P050031,78)
Sales and related occupations	x	Sum(P050032,79)
Office and administrative support occupations	x	Sum(P050033,80)
Farming, fishing, and forestry occupations	x	Sum(P050034,81)
Construction, extraction, and maintenance occupations:	x	Sum(P050035,82)
Construction and extraction occupations:	x	Sum(P050036,83)
Supervisors, construction and extraction workers	x	Sum(P050037,84)
Construction trades workers	x	Sum(P050038,85)
Extraction workers	x	Sum(P050039,86)
Installation, maintenance, and repair occupations	x	Sum(P050040,87)
Production, transportation, and material moving occupations:	x	Sum(P050041,88)
Production occupations	x	Sum(P050042,89)
Transportation and material moving occupations:	x	Sum(P050043,90)
Supervisors, transportation and material moving workers	x	Sum(P050044,91)

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Table	1990 Census Data	2000 Census Data
Aircraft and traffic control occupations	x	Sum(P050045,92)
Motor vehicle operators	x	Sum(P050046,93)
Rail, water and other transportation occupations	x	Sum(P050047,94)
Material moving workers	x	Sum(P050048,95)
Class of Worker		
Universe: Employed civilian population 16 years and over		
Total:	Sum(P0790001:07)	P051001
Private for profit wage and salary workers	P0790001	Sum(P051004,15,25,36,47,57)
Private not for profit wage and salary workers	P0790002	Sum(P051007,18,28,39,50,60)
Local government workers	P0790003	Sum(P051008,19,29,40,51,61)
State government workers	P0790004	Sum(P051009,20,30,41,52,62)
Federal government workers	P0790005	Sum(P051010,21,31,42,53,63)
Self employed workers (unincorporated)	P0790006	Sum(P0510011,22,32,43,54,64)
All self employed workers (incorporated and unincorporated)	x	Sum(P051006,11,17,22,27,32,38,43,49,54,59,64)
Unpaid family workers	P0790007	Sum(P051012,23,33,44,55,65)
Weeks and Hours per Week Employed last year		
Sex by work status in 1989,1999 usual hours worked per week in 1989, 1999 and weeks worked in 1989, 1999		
Universe: Persons 16 years and over:		
Total:	Sum(P0760001:38)	P047001
Male:	Sum(P0760001:19)	P047002
Worked in 1989, 1999	Sum(P0760001:18)	P047003
Usually worked 35 or more hours per week:	Sum(P0760001:06)	P047004
50 to 52 weeks	P0760001	P047005
48 to 49 weeks	P0760002	P047006
40 to 47 weeks	P0760003	P047007
27 to 39 weeks	P0760004	P047008
14 to 26 weeks	P0760005	P047009
1 to 13 weeks	P0760006	P047010
Usually worked 15 to 34 hours per week:	Sum(P0760007:12)	P047011

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Table	1990 Census Data	2000 Census Data
50 to 52 weeks	P0760007	P047012
48 to 49 weeks	P0760008	P047013
40 to 47 weeks	P0760009	P047014
27 to 39 weeks	P0760010	P047015
14 to 26 weeks	P0760011	P047016
1 to 13 weeks	P0760012	P047017
Usually worked 1 to 14 hours per week:	Sum(P0760013:18)	P047018
50 to 52 weeks	P0760013	P047019
48 to 49 weeks	P0760014	P047020
40 to 47 weeks	P0760015	P047021
27 to 39 weeks	P0760016	P047022
14 to 26 weeks	P0760017	P047023
1 to 13 weeks	P0760018	P047024
Did not work in 1989,1999	P0760019	P047025
Female:	Sum(P0760020:38)	P047026
Worked in 1989, 1999	Sum(P0760020:37)	P047027
Usually worked 35 or more hours per week:	Sum(P0760020:25)	P047028
50 to 52 weeks	P0760020	P047029
48 to 49 weeks	P0760021	P047030
40 to 47 weeks	P0760022	P047031
27 to 39 weeks	P0760023	P047032
14 to 26 weeks	P0760024	P047033
1 to 13 weeks	P0760025	P047034
Usually worked 15 to 34 hours per week:	Sum(P0760026:31)	P047035
50 to 52 weeks	P0760026	P047036
48 to 49 weeks	P0760027	P047037
40 to 47 weeks	P0760028	P047038
27 to 39 weeks	P0760029	P047039
14 to 26 weeks	P0760030	P047040
1 to 13 weeks	P0760031	P047041
Usually worked 1 to 14 hours per week:	Sum(P0760032:37)	P047042
50 to 52 weeks	P0760032	P047043
48 to 49 weeks	P0760033	P047044
40 to 47 weeks	P0760034	P047045
27 to 39 weeks	P0760035	P047046
14 to 26 weeks	P0760036	P047047
1 to 13 weeks	P0760037	P047048
Did not work in 1989,1999	P0760038	P047049
Means of Transportation to Work		
Universe: workers 16 years and over		
Total	Sum(P0490001:13)	P030001

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Table	1990 Census Data	2000 Census Data
Car, truck, or van:	Sum(P0490001,02)	P030002
Drove alone	P0490001	P030003
Carpooled	P0490002	P030004
Public transportation:	Sum(P0490003:08)	P030005
Bus or trolley bus	P0490003	P030006
Streetcar or trolley car	P0490004	P030007
Subway or elevated	P0490005	P030008
Railroad	P0490006	P030009
Ferryboat	P0490007	P030010
Taxicab	P0490008	P030011
Motorcycle	P0490009	P030012
Bicycle	P0490010	P030013
Walked	P0490011	P030014
Other means	P0490012	P030015
Worked at home	P0490013	P030016
Private Vehicle Occupancy		
Universe: workers 16 years and over		
Total	Sum(P0530001:08)	P035001
Car, truck, or van:	Sum(P0530001:07)	P035002
Drove alone	P0530001	P035003
Car Pooled	Sum(P0530002:07)	P035004
In 2 person carpool	P0530002	P035005
In 3 person carpool	P0530003	P035006
In 4 person carpool	P0530004	P035007
In 5 or 6 person carpool	Sum(P0530005,06)	P035008
In 7 or more person carpool	P0530007	P035009
Other means	P0530008	P035010
Time Leaving Home to go to Work		
Universe: Workers 16 years and over		
Total	Sum(P0520001:15)	P034001
Did not work at home:	Sum(P0520001:14)	P034002
12:00 a.m. to 4:59 a.m.	P0520001	P034003
5:00 a.m. to 5:29 a.m.	P0520002	P034004
5:30 a.m. to 5:59 a.m.	P0520003	P034005
6:00 a.m. to 6:29 a.m.	P0520004	P034006
6:30 a.m. to 6:59 a.m.	P0520005	P034007
7:00 a.m. to 7:29 a.m.	P0520006	P034008
7:30 a.m. to 7:59 a.m.	P0520007	P034009
8:00 a.m. to 8:29 a.m.	P0520008	P034010
8:30 a.m. to 8:59 a.m.	P0520009	P034011
9:00 a.m. to 9:59 a.m.	P0520010	P034012
10:00 a.m. to 10:59 a.m.	P0520011	P034013
11:00 a.m. to 11:59 a.m.	P0520012	P034014

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Table	1990 Census Data	2000 Census Data
12:00 p.m. to 3:59 p.m.	P0520013	P034015
4:00 p.m. to 11:59 p.m.	P0520014	P034016
Worked at home	P0520015	P034017
Travel Time to Work		
Universe: Workers 16 years and over		
Total	Sum(P0500001:13)	P031001
Did not work at home:	Sum(P0500001:12)	P031002
Less than 5 minutes	P0500001	P031003
5 to 9 minutes	P0500002	P031004
10 to 14 minutes	P0500003	P031005
15 to 19 minutes	P0500004	P031006
20 to 24 minutes	P0400005	P031007
25 to 29 minutes	P0500006	P031008
30 to 34 minutes	P0500007	P031009
35 to 39 minutes	P0400008	P031010
40 to 44 minutes	P0500009	P031011
45 to 59 minutes	P0500010	P031012
60 to 89 minutes	P0500011	P031013
90 or more minutes	P0500012	P031014
Worked at home	P0500013	P031015
Travel Time to Work by Means of Transportation to Work		
Universe: Workers 16 years and over who did not work at home		
Total:	x	P032001
Less than 30 minutes:	x	P032002
Public transportation	x	P032003
Other means	x	P032004
30 to 44 minutes:	x	P032005
Public transportation	x	P032006
Other means	x	P032007
45 to 59 minutes:	x	P032008
Public transportation	x	P032009
Other means	x	P032010
60 or more minutes:	x	P032011
Public transportation	x	P032012
Other means	x	P032013
Aggregate Travel Time to Work (in minutes) by Means of Transportation to Work		
Universe: Workers 16 years and over who did not work at home		

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Table	1990 Census Data	2000 Census Data
Aggregate travel time to work (in minutes):	x	P033001
Less than 30 minutes:	x	P033002
Public transportation	x	P033003
Other means	x	P033004
30 to 44 minutes:	x	P033005
Public transportation	x	P033006
Other means	x	P033007
45 to 59 minutes:	x	P033008
Public transportation	x	P033009
Other means	x	P033010
60 or more minutes:	x	P033011
Public transportation	x	P033012
Other means	x	P033013
Race Tables	1990	2000
Population by Race/Origin by Sex by Age	Race tables at end	
Household Income in 1989,1999 by Race		
Universe: Households by Race		
Total:		
White Total:	Sum(P0820001:09)	P151A001
Less than \$10,000	Sum(P0820001,02)	P151A002
\$10,000 to \$14,999	P0820003	P151A003
\$15,000 to \$24,999	P0820004	Sum(P151A004,05)
\$25,000 to \$34,999	P0820005	Sum(P151A006,07)
\$35,000 to \$49,999	P0820006	Sum(P151A008:10)
\$50,000 to \$74,999	P0820007	Sum(P151A011,12)
\$75,000 to \$99,999	P0820008	P151A013
\$100,000 or more	P0820009	Sum(P151A014:17)
\$100,000 to \$124,999	x	P151A014
\$125,000 to \$149,999	x	P151A015
\$150,000 to \$199,999	x	P151A016
\$200,000 or more	x	P151A017
Black alone Total:	Sum(P0820010:18)	P151B001
Less than \$10,000	Sum(P0820010,11)	P151B002
\$10,000 to \$14,999	P0820012	P151B003
\$15,000 to \$24,999	P0820013	Sum(P151B004,05)
\$25,000 to \$34,999	P0820014	Sum(P151B006,07)
\$35,000 to \$49,999	P0820015	Sum(P151B008:10)
\$50,000 to \$74,999	P0820016	Sum(P151B011,12)
\$75,000 to \$99,999	P0820017	P151B013
\$100,000 or more	P0820018	Sum(P151B014:17)
\$100,000 to \$124,999	x	P151B014

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Table	1990 Census Data	2000 Census Data
\$125,000 to \$149,999	x	P151B015
\$150,000 to \$199,999	x	P151B016
\$200,000 or more	x	P151B017
American Indian, Eskimo alone Total:	Sum(P0820019:27)	P151C001
Less than \$10,000	Sum(P0820019,20)	P151C002
\$10,000 to \$14,999	P0820021	P151C003
\$15,000 to \$24,999	P0820022	Sum(P151C004,05)
\$25,000 to \$34,999	P0820023	Sum(P151C006,07)
\$35,000 to \$49,999	P0820024	Sum(P151C008:10)
\$50,000 to \$74,999	P0820025	Sum(P151C011,12)
\$75,000 to \$99,999	P0820026	P151C013
\$100,000 or more	P0820027	Sum(P151C014:17)
\$100,000 to \$124,999	x	P151C014
\$125,000 to \$149,999	x	P151C015
\$150,000 to \$199,999	x	P151C016
\$200,000 or more	x	P151C017
Asian, Pacific Islander alone Total:	Sum(P0820028:36)	P151D,E001
Less than \$10,000	Sum(P0820028,29)	P151D,E002
\$10,000 to \$14,999	P0820030	P151D,E003
\$15,000 to \$24,999	P0820031	Sum(P151D,E004,05)
\$25,000 to \$34,999	P0820032	Sum(P151D,E006,07)
\$35,000 to \$49,999	P0820033	Sum(P151D,E008:10)
\$50,000 to \$74,999	P0820034	Sum(P151D,E011,12)
\$75,000 to \$99,999	P0820035	P151D,E013
\$100,000 or more	P0820036	Sum(P151D,E014:17)
\$100,000 to \$124,999	x	P151D,E014
\$125,000 to \$149,999	x	P151D,E015
\$150,000 to \$199,999	x	P151D,E016
\$200,000 or more	x	P151D,E017
Other alone Total:	Sum(P0820037:45)	P151F001
Less than \$10,000	Sum(P0820037,38)	P151F002
\$10,000 to \$14,999	P0820039	P151F003
\$15,000 to \$24,999	P0820040	Sum(P151F004,05)
\$25,000 to \$34,999	P0820041	Sum(P151F006,07)
\$35,000 to \$49,999	P0820042	Sum(P151F008:10)
\$50,000 to \$74,999	P0820043	Sum(P151F011,12)
\$75,000 to \$99,999	P0820044	P151F013
\$100,000 or more	P0820045	Sum(P151F014:17)
\$100,000 to \$124,999	x	P151F014
\$125,000 to \$149,999	x	P151F015
\$150,000 to \$199,999	x	P151F016
\$200,000 or more	x	P151F017

Bi-State Regional Housing Partnership

Population by Race/Hispanic Origin, Sex, and Age

Population 1990

Race/Origin by Sex by Age Universe: Persons	White:	Black:	American Indian, Eskimo, or Aleut:	Asian or Pacific Islander:	Other race:	Hispanic Origin:
Total:	Sum(Cell B5, Cell B37)	Sum(Cell C5, Cell C37)	Sum(Cell D5, Cell D37)	Sum(Cell E5, Cell E37)	Sum(Cell F5, Cell F37)	Sum(Cell G5, Cell G37)
Male:	Sum(P0120001:31)	Sum(P0120063:93)	Sum(P0120125:155)	Sum(P0120187:217)	Sum(P0120249:279)	Sum(P0130001:31)
Under 5 years	Sum(P0120001:03)	Sum(P0120063:65)	Sum(P0120125:127)	Sum(P0120187:189)	Sum(P0120249:251)	Sum(P0130001:03)
5 to 9 years	Sum(P0120004:06)	Sum(P0120066:68)	Sum(P0120128:130)	Sum(P0120190:192)	Sum(P0120252:254)	Sum(P0130004:06)
10 to 14 years	Sum(P0120007:09)	Sum(P0120069:71)	Sum(P0120131:133)	Sum(P0120193:195)	Sum(P0120255:257)	Sum(P0130007:09)
15 to 17 years	Sum(P0120010:12)	Sum(P0120072:74)	Sum(P0120134:136)	Sum(P0120196:198)	Sum(P0120258:260)	Sum(P0130010:12)
18 and 19 years	Sum(P0120013,14)	Sum(P0120075,76)	Sum(P0120137,138)	Sum(P0120199,200)	Sum(P0120261,262)	Sum(P0130013,14)
15 to 19 years	Sum(Cell B9, Cell B10)	Sum(Cell C9, Cell C10)	Sum(Cell D9, Cell D10)	Sum(Cell E9, Cell E10)	Sum(Cell F9, Cell F10)	Sum(Cell G9, Cell G10)
20 years	P0120015	P0120077	P0120139	P0120201	P0120263	P0130015
21 years	P0120016	P0120078	P0120140	P0120202	P0120264	P0130016
22 to 24 years	P0120017	P0120079	P0120141	P0120203	P0120265	P0130017
20 to 24 years	Sum(Cell B12:Cell B14)	Sum(Cell C12:Cell C14)	Sum(Cell D12:Cell D14)	Sum(Cell E12:Cell E14)	Sum(Cell F12:Cell F14)	Sum(Cell G12:Cell G14)
25 to 29 years	P0120018	P0120080	P0120142	P0120204	P0120266	P0130018
30 to 34 years	P0120019	P0120081	P0120143	P0120205	P0120267	P0130019
35 to 39 years	P0120020	P0120082	P0120144	P0120206	P0120268	P0130020
40 to 44 years	P0120021	P0120083	P0120145	P0120207	P0120269	P0130021
45 to 49 years	P0120022	P0120084	P0120146	P0120208	P0120270	P0130022
50 to 54 years	P0120023	P0120085	P0120147	P0120209	P0120271	P0130023
55 to 59 years	P0120024	P0120086	P0120148	P0120210	P0120272	P0130024
60 and 61 years	P0120025	P0120087	P0120149	P0120211	P0120273	P0130025
62 to 64 years	P0120026	P0120088	P0120150	P0120212	P0120274	P0130026
60 to 64 years	Sum(Cell B23, Cell B24)	Sum(Cell C 23, Cell C24)	Sum(Cell D23, Cell D24)	Sum(Cell E23, Cell E24)	Sum(Cell F23, Cell F24)	Sum(Cell G23, Cell G24)
65 to 69 years	P0120027	P0120089	P0120151	P0120213	P0120275	P0130027
70 to 74 years	P0120028	P0120090	P0120152	P0120214	P0120276	P0130028
75 to 79 years	P0120029	P0120091	P0120153	P0120215	P0120277	P0130029
80 to 84 years	P0120030	P0120092	P0120154	P0120216	P0120278	P0130030
85 years and over	P0120031	P0120093	P0120155	P0120217	P0120279	P0130031

Bi-State Regional Housing Partnership

Population 1990

Race/Origin by Sex by Age Universe: Persons	White:	Black:	American Indian, Eskimo, or Aleut:	Asian or Pacific Islander:	Other race:	Hispanic Origin:
Female:	Sum(P0120032:62)	Sum(P0120094:124)	Sum(P0120156:186)	Sum(P0120218:248)	Sum(P0120280:310)	Sum(P0130032:62)
Under 5 years	Sum(P0120001:03)	Sum(P0120063:65)	Sum(P0120125:127)	Sum(P0120187:189)	Sum(P0120249:251)	Sum(P0130001:03)
5 to 9 years	Sum(P0120004:06)	Sum(P0120066:68)	Sum(P0120128:130)	Sum(P0120190:192)	Sum(P0120252:254)	Sum(P0130004:06)
10 to 14 years	Sum(P0120007:09)	Sum(P0120069:71)	Sum(P0120131:133)	Sum(P0120193:195)	Sum(P0120255:257)	Sum(P0130007:09)
15 to 17 years	Sum(P0120010:12)	Sum(P0120072:74)	Sum(P0120134:136)	Sum(P0120196:198)	Sum(P0120258:260)	Sum(P0130010:12)
18 and 19 years	Sum(P0120013,14)	Sum(P0120075,76)	Sum(P0120137,138)	Sum(P0120199,200)	Sum(P0120261,262)	Sum(P0130013,14)
15 to 19 years	Sum(Cell B9, Cell B10)	Sum(Cell C9, Cell C10)	Sum(Cell D9, Cell D10)	Sum(Cell E9, Cell E10)	Sum(Cell F9, Cell F10)	Sum(Cell G9, Cell G10)
20 years	P0120015	P0120077	P0120139	P0120201	P0120263	P0130015
21 years	P0120016	P0120078	P0120140	P0120202	P0120264	P0130016
22 to 24 years	P0120017	P0120079	P0120141	P0120203	P0120265	P0130017
20 to 24 years	Sum(Cell B12:Cell B14)	Sum(Cell C12:Cell C14)	Sum(Cell D12:Cell D14)	Sum(Cell E12:Cell E14)	Sum(Cell F12:Cell F14)	Sum(Cell G12:Cell G14)
25 to 29 years	P0120018	P0120080	P0120142	P0120204	P0120266	P0130018
30 to 34 years	P0120019	P0120081	P0120143	P0120205	P0120267	P0130019
35 to 39 years	P0120020	P0120082	P0120144	P0120206	P0120268	P0130020
40 to 44 years	P0120021	P0120083	P0120145	P0120207	P0120269	P0130021
45 to 49 years	P0120022	P0120084	P0120146	P0120208	P0120270	P0130022
50 to 54 years	P0120023	P0120085	P0120147	P0120209	P0120271	P0130023
55 to 59 years	P0120024	P0120086	P0120148	P0120210	P0120272	P0130024
60 and 61 years	P0120025	P0120087	P0120149	P0120211	P0120273	P0130025
62 to 64 years	P0120026	P0120088	P0120150	P0120212	P0120274	P0130026
60 to 64 years	Sum(Cell B23, Cell B24)	Sum(Cell C23, Cell C24)	Sum(Cell D23, Cell D24)	Sum(Cell E23, Cell E24)	Sum(Cell F23, Cell F24)	Sum(Cell G23, Cell G24)
65 to 69 years	P0120027	P0120089	P0120151	P0120213	P0120275	P0130027
70 to 74 years	P0120028	P0120090	P0120152	P0120214	P0120276	P0130028
75 to 79 years	P0120029	P0120091	P0120153	P0120215	P0120277	P0130029
80 to 84 years	P0120030	P0120092	P0120154	P0120216	P0120278	P0130030
85 years and over	P0120031	P0120093	P0120155	P0120217	P0120279	P0130031

Bi-State Regional Housing Partnership

Population 2000

Race/Origin by Sex by Age Universe: Persons	White:	Black:	American Indian, Eskimo, or Aleut:	Asian or Pacific Islander:
Total:	P012A001	P012B001	P012C001	Sum(P012D001,P012E001)
Male:	P012A002	P012B002	P012C002	Sum(P012D002,P012E002)
Under 5 years	P012A003	P012B003	P012C003	Sum(P012D003,P012E003)
5 to 9 years	P012A004	P012B004	P012C004	Sum(P012D004,P012E004)
10 to 14 years	P012A005	P012B005	P012C005	Sum(P012D005,P012E005)
15 to 17 years	P012A006	P012B006	P012C006	Sum(P012D006,P012E006)
18 and 19 years	P012A007	P012B007	P012C007	Sum(P012D007,P012E007)
15 to 19 years	Sum(Cell G9, Cell G10)	Sum(Cell J9, Cell J10)	Sum(Cell K9, Cell K10)	Sum(Cell L9, Cell L10)
20 years	P012A008	P012B008	P012C008	Sum(P012D008,P012E008)
21 years	P012A009	P012B009	P012C009	Sum(P012D009,P012E009)
22 to 24 years	P012A010	P012B010	P012C010	Sum(P012D010,P012E010)
20 to 24 years	Sum(Cell I12:Cell I14)	Sum(Cell J12:Cell J14)	Sum(Cell K12:Cell K14)	Sum(Cell L12:Cell L14)
25 to 29 years	P012A011	P012B011	P012C011	Sum(P012D011,P012E011)
30 to 34 years	P012A012	P012B012	P012C012	Sum(P012D012,P012E012)
35 to 39 years	P012A013	P012B013	P012C013	Sum(P012D013,P012E013)
40 to 44 years	P012A014	P012B014	P012C014	Sum(P012D014,P012E014)
45 to 49 years	P012A015	P012B015	P012C015	Sum(P012D015,P012E015)
50 to 54 years	P012A016	P012B016	P012C016	Sum(P012D016,P012E016)
55 to 59 years	P012A017	P012B017	P012C017	Sum(P012D017,P012E017)
60 and 61 years	P012A018	P012B018	P012C018	Sum(P012D018,P012E018)
62 to 64 years	P012A019	P012B019	P012C019	Sum(P012D019,P012E019)
60 to 64 years	Sum(Cell I23, Cell I24)	Sum(Cell J23, Cell J24)	Sum(Cell K23, Cell K24)	Sum(Cell L23, Cell L24)
65 to 69 years	Sum(P012A020,P012A021)	Sum(P012B020,P012B021)	Sum(P012C020,P012C021)	Sum(P012D020,21,P012E020,21)
70 to 74 years	P012A022	P012B022	P012C022	Sum(P012D022,P012E022)
75 to 79 years	P012A023	P012B023	P012C023	Sum(P012D023,P012E023)
80 to 84 years	P012A024	P012B024	P012C024	Sum(P012D024,P012E024)
85 years and over	P012A025	P012B025	P012C025	Sum(P012D025,P012E025)

Bi-State Regional Housing Partnership

Population 2000

Race/Origin by Sex by Age Universe: Persons	Other Race:	Two or more:	All Other Race:	Hispanic Origin:
Total:	P012F001	P012G001	Sum(P012F001,P012G001)	P012H001
Male, con't:	P012F002	P012G002	Sum(P012F002,P012G002)	P012H002
Under 5 years	P012F003	P012G003	Sum(P012F003,P012G003)	P012H003
5 to 9 years	P012F004	P012G004	Sum(P012F004,P012G004)	P012H004
10 to 14 years	P012F005	P012G005	Sum(P012F005,P012G005)	P012H005
15 to 17 years	P012F006	P012G006	Sum(P012F006,P012G006)	P012H006
18 and 19 years	P012F007	P012G007	Sum(P012F007,P012G007)	P012H007
15 to 19 years	Sum(Cell M9, Cell M10)	Sum(Cell N9, Cell N10)	Sum(Cell O9, Cell O10)	Sum(Cell P9, Cell P10)
20 years	P012F008	P012G008	Sum(P012F008,P012G008)	P012H008
21 years	P012F009	P012G009	Sum(P012F009,P012G009)	P012H009
22 to 24 years	P012F010	P012G010	Sum(P012F010,P012G010)	P012H010
20 to 24 years	Sum(Cell M12:Cell M14)	Sum(Cell N12:Cell N14)	Sum(Cell O12:Cell O14)	Sum(Cell P12:Cell P14)
25 to 29 years	P012F011	P012G011	Sum(P012F011,P012G011)	P012H011
30 to 34 years	P012F012	P012G012	Sum(P012F012,P012G012)	P012H012
35 to 39 years	P012F013	P012G013	Sum(P012F013,P012G013)	P012H013
40 to 44 years	P012F014	P012G014	Sum(P012F014,P012G014)	P012H014
45 to 49 years	P012F015	P012G015	Sum(P012F015,P012G015)	P012H015
50 to 54 years	P012F016	P012G016	Sum(P012F016,P012G016)	P012H016
55 to 59 years	P012F017	P012G017	Sum(P012F017,P012G017)	P012H017
60 and 61 years	P012F018	P012G018	Sum(P012F018,P012G018)	P012H018
62 to 64 years	P012F019	P012G019	Sum(P012F019,P012G019)	P012H019
60 to 64 years	Sum(Cell M23, Cell M24)	Sum(Cell N23, Cell N24)	Sum(Cell O23, Cell O24)	Sum(Cell P23, Cell P24)
65 to 69 years	Sum(P012F020,P012F021)	Sum(P012G020,P012G021)	Sum(P012F020,21,P012G020,21)	Sum(P012H020,P012H021)
70 to 74 years	P012F022	P012G022	Sum(P012F022,P012G022)	P012H022
75 to 79 years	P012F023	P012G023	Sum(P012F023,P012G023)	P012H023
80 to 84 years	P012F024	P012G024	Sum(P012F024,P012G024)	P012H024
85 years and over	P012F025	P012G025	Sum(P012F025,P012G025)	P012H025

Bi-State Regional Housing Partnership

Population 2000

Race/Origin by Sex by Age Universe: Persons	White:	Black:	American Indian, Eskimo, or Aleut:	Asian or Pacific Islander:
Female:	P012A026	P012B026	P012C026	Sum(P012D026,P012E026)
Under 5 years	P012A027	P012B027	P012C027	Sum(P012D027,P012E027)
5 to 9 years	P012A028	P012B028	P012C028	Sum(P012D028,P012E028)
10 to 14 years	P012A029	P012B029	P012C029	Sum(P012D029,P012E029)
15 to 17 years	P012A030	P012B030	P012C030	Sum(P012D030,P012E030)
18 and 19 years	P012A031	P012B031	P012C031	Sum(P012D031,P012E031)
15 to 19 years	Sum(Cell I35, Cell I36)	Sum(Cell J35, Cell J36)	Sum(Cell K35, Cell K36)	Sum(Cell L35, Cell L36)
20 years	P012A032	P012B032	P012C032	Sum(P012D032,P012E032)
21 years	P012A033	P012B033	P012C033	Sum(P012D033,P012E033)
22 to 24 years	P012A034	P012B034	P012C034	Sum(P012D034,P012E034)
20 to 24 years	Sum(Cell I38:Cell I40)	Sum(Cell J38:Cell J40)	Sum(Cell K38:Cell K40)	Sum(Cell L38:Cell L40)
25 to 29 years	P012A035	P012B035	P012C035	Sum(P012D035,P012E035)
30 to 34 years	P012A036	P012B036	P012C036	Sum(P012D036,P012E036)
35 to 39 years	P012A037	P012B037	P012C037	Sum(P012D037,P012E037)
40 to 44 years	P012A038	P012B038	P012C038	Sum(P012D038,P012E038)
45 to 49 years	P012A039	P012B039	P012C039	Sum(P012D039,P012E039)
50 to 54 years	P012A040	P012B040	P012C040	Sum(P012D040,P012E040)
55 to 59 years	P012A041	P012B041	P012C041	Sum(P012D041,P012E041)
60 and 61 years	P012A042	P012B042	P012C042	Sum(P012D042,P012E042)
62 to 64 years	P012A043	P012B043	P012C043	Sum(P012D043,P012E043)
60 to 64 years	Sum(Cell I49, Cell I50)	Sum(Cell J49, Cell J50)	Sum(Cell K49, Cell K50)	Sum(Cell L49, Cell L50)
65 to 69 years	Sum(P012A044,P012A045)	Sum(P012B044,P012B045)	Sum(P012C044,P012C045)	Sum(P012D044,45,P012E044,45)
70 to 74 years	P012A046	P012B046	P012C046	Sum(P012D046,P012E046)
75 to 79 years	P012A047	P012B047	P012C047	Sum(P012D047,P012E047)
80 to 84 years	P012A048	P012B048	P012C048	Sum(P012D048,P012E048)
85 years and over	P012A049	P012B049	P012C049	Sum(P012D049,P012E049)

Bi-State Regional Housing Partnership

Population 2000

Race/Origin by Sex by Age Universe: Persons	Other Race:	Two or more:	All Other Race:	Hispanic Origin:
Female, con't:	P012F026	P012G026	Sum(P012F026,P012G026)	P012H026
Under 5 years	P012F027	P012G027	Sum(P012F027,P012G027)	P012H027
5 to 9 years	P012F028	P012G028	Sum(P012F028,P012G028)	P012H028
10 to 14 years	P012F029	P012G029	Sum(P012F029,P012G029)	P012H029
15 to 17 years	P012F030	P012G030	Sum(P012F030,P012G030)	P012H030
18 and 19 years	P012F031	P012G031	Sum(P012F031,P012G031)	P012H031
15 to 19 years	Sum(Cell M35, Cell M36)	Sum(Cell N35, Cell N36)	Sum(Cell O35, Cell O36)	Sum(Cell P35, Cell P36)
20 years	P012F032	P012G032	Sum(P012F032,P012G032)	P012H032
21 years	P012F033	P012G033	Sum(P012F033,P012G033)	P012H033
22 to 24 years	P012F034	P012G034	Sum(P012F034,P012G034)	P012H034
20 to 24 years	Sum(Cell M38:Cell M40)	Sum(Cell N38:Cell N40)	Sum(Cell O38:Cell O40)	Sum(Cell P38:Cell P40)
25 to 29 years	P012F035	P012G035	Sum(P012F035,P012G035)	P012H035
30 to 34 years	P012F036	P012G036	Sum(P012F036,P012G036)	P012H036
35 to 39 years	P012F037	P012G037	Sum(P012F037,P012G037)	P012H037
40 to 44 years	P012F038	P012G038	Sum(P012F038,P012G038)	P012H038
45 to 49 years	P012F039	P012G039	Sum(P012F039,P012G039)	P012H039
50 to 54 years	P012F040	P012G040	Sum(P012F040,P012G040)	P012H040
55 to 59 years	P012F041	P012G041	Sum(P012F041,P012G041)	P012H041
60 and 61 years	P012F042	P012G042	Sum(P012F042,P012G042)	P012H042
62 to 64 years	P012F043	P012G043	Sum(P012F043,P012G043)	P012H043
60 to 64 years	Sum(Cell M49, Cell M50)	Sum(Cell N49, Cell N50)	Sum(Cell O49, Cell O50)	Sum(Cell P49, Cell P50)
65 to 69 years	Sum(P012F044,P012F045)	Sum(P012G044,P012G045)	Sum(P012F044,45,P012G044,45)	Sum(P012H044,P012H045)
70 to 74 years	P012F046	P012G046	Sum(P012F046,P012G046)	P012H046
75 to 79 years	P012F047	P012G047	Sum(P012F047,P012G047)	P012H047
80 to 84 years	P012F048	P012G048	Sum(P012F048,P012G048)	P012H048
85 years and over	P012F049	P012G049	Sum(P012F049,P012G049)	P012H049

Bi-State Regional Housing Partnership

Households by Tenure, Race/Hispanic Origin, and Age of Householder

2000

Tenure of Householder by Race/Ethnicity and Age; Universe: Occupied Housing Units	White:	Black:	American Indian, Eskimo, or Aleut:	Asian or Pacific Islander:	Asian
Total:	H016A001	H016B001	H016C001	Sum(H016D001,H016E001)	H016D001
Owner occupied:	H016A002	H016B002	H016C002	Sum(H016D002,H016E002)	H016D002
15 to 24 years	H016A003	H016B003	H016C003	Sum(H016D003,H016E003)	H016D003
25 to 34 years	H016A004	H016B004	H016C004	Sum(H016D004,H016E004)	H016D004
35 to 44 years	H016A005	H016B005	H016C005	Sum(H016D005,H016E005)	H016D005
45 to 54 years	H016A006	H016B006	H016C006	Sum(H016D006,H016E006)	H016D006
55 to 64 years	H016A007	H016B007	H016C007	Sum(H016D007,H016E007)	H016D007
65 to 74 years	H016A008	H016B008	H016C008	Sum(H016D008,H016E008)	H016D008
75 to 84 years	H016A009	H016B009	H016C009	Sum(H016D009,H016E009)	H016D009
85 years and over	H016A010	H016B010	H016C010	Sum(H016D010,H016E010)	H016D010
Renter occupied:	H016A011	H016B011	H016C011	Sum(H016D011,H016E011)	H016D011
15 to 24 years	H016A012	H016B012	H016C012	Sum(H016D012,H016E012)	H016D012
25 to 34 years	H016A013	H016B013	H016C013	Sum(H016D013,H016E013)	H016D013
35 to 44 years	H016A014	H016B014	H016C014	Sum(H016D014,H016E014)	H016D014
45 to 54 years	H016A015	H016B015	H016C015	Sum(H016D015,H016E015)	H016D015
55 to 64 years	H016A016	H016B016	H016C016	Sum(H016D016,H016E016)	H016D016
65 to 74 years	H016A017	H016B017	H016C017	Sum(H016D017,H016E017)	H016D017
75 to 84 years	H016A018	H016B018	H016C018	Sum(H016D018,H016E018)	H016D018
85 years and over	H016A019	H016B019	H016C019	Sum(H016D019,H016E019)	H016D019

Bi-State Regional Housing Partnership

Households by Tenure, Race/Hispanic Origin, and Age of Householder

2000

Tenure of Householder by Race/Ethnicity and Age, con't.; Universe: Occupied Housing Units	Pacific Islander	Other Race:	Two or more races:	All Other Race:	Hispanic Origin:
Total:	H016E001	H016F001	H016G001	Sum(H016F001,H016G001)	H016H001
Owner occupied:	H016E002	H016F002	H016G002	Sum(H016F002,H016G002)	H016H002
15 to 24 years	H016E003	H016F003	H016G003	Sum(H016F003,H016G003)	H016H003
25 to 34 years	H016E004	H016F004	H016G004	Sum(H016F004,H016G004)	H016H004
35 to 44 years	H016E005	H016F005	H016G005	Sum(H016F005,H016G005)	H016H005
45 to 54 years	H016E006	H016F006	H016G006	Sum(H016F006,H016G006)	H016H006
55 to 64 years	H016E007	H016F007	H016G007	Sum(H016F007,H016G007)	H016H007
65 to 74 years	H016E008	H016F008	H016G008	Sum(H016F008,H016G008)	H016H008
75 to 84 years	H016E009	H016F009	H016G009	Sum(H016F009,H016G009)	H016H009
85 years and over	H016E010	H016F010	H016G010	Sum(H016F010,H016G010)	H016H010
Renter occupied:	H016E011	H016F011	H016G011	Sum(H016F011,H016G011)	H016H011
15 to 24 years	H016E012	H016F012	H016G012	Sum(H016F012,H016G012)	H016H012
25 to 34 years	H016E013	H016F013	H016G013	Sum(H016F013,H016G013)	H016H013
35 to 44 years	H016E014	H016F014	H016G014	Sum(H016F014,H016G014)	H016H014
45 to 54 years	H016E015	H016F015	H016G015	Sum(H016F015,H016G015)	H016H015
55 to 64 years	H016E016	H016F016	H016G016	Sum(H016F016,H016G016)	H016H016
65 to 74 years	H016E017	H016F017	H016G017	Sum(H016F017,H016G017)	H016H017
75 to 84 years	H016E018	H016F018	H016G018	Sum(H016F018,H016G018)	H016H018
85 years and over	H016E019	H016F019	H016G019	Sum(H016F019,H016G019)	H016H019

Appendix 4 Census File Geographic Identifiers

Geography	County ID	Geog. ID	Geography	County ID	Geog. ID
Clackamas Co	005	4100500000	Multnomah Co	051	4105100000
Barlow	005	4100504000	Fairview	051	4105124250
Canby	005	4100510750	Gresham	051	4105131250
Estacada	005	4100523800	Lake Oswego (Mult)	051	4105140550
Gladstone	005	4100529000	Maywood Park	051	4105146730
Happy Valley	005	4100532050	Milwaukie (Mult)	051	4105148650
Johnson City	005	4100537650	Portland (Mult)	051	4105159000
Lake Oswego (Clack)	005	4100540550	Troutdale	051	4105174850
Milwaukie (Clack)	005	4100548650	Wood Village	051	4105183950
Molalla	005	4100549450	Multnomah Co Uninc	051	4105199999
Oregon City	005	4100555200	Clark Co	011	5301100000
Portland (Clack)	005	4100559000	Battle Ground	011	5301104475
Rivergrove (Clack)	005	4100562250	Camas	011	5301109480
Sandy	005	4100565250	La Center	011	5301136710
Tualatin (Clack)	005	4100574950	Ridgefield	011	5301158410
West Linn	005	4100580150	Vancouver	011	5301174060
Wilsonville (Clack)	005	4100582800	Washougal	011	5301176405
Clackamas Co Uninc	005	4100599999	Woodland (Clark)	011	5301179625
Washington Co	067	4106700000	Woodland (Cowlitz)	015	5301579625
Banks	067	4106703850	Yacolt	011	5301179975
Beaverton	067	4106705350	Clark Co Uninc	011	5301199999
Cornelius	067	4106715550	City Total		
Durham	067	4106721250	Lake Oswego		4199940550
Forest Grove	067	4106726200	Milwaukie		4199948650
Gaston	067	4106728100	Portland		4199959000
Hillsboro	067	4106734100	Rivergrove		4199962250
King City	067	4106739150	Tualatin		4199974950
Lake Oswego (Wash)	067	4106740550	Wilsonville		4199982800
North Plains	067	4106753150	Woodland		5399979625
Portland (Wash)	067	4106759000			
Rivergrove (Wash)	067	4106762250			
Sherwood	067	4106767100			
Tigard	067	4106773650			
Tualatin (Wash)	067	4106774950			
Wilsonville (Wash)	067	4106782800			
Washington Co Uninc	067	4106799999			

Appendix 5

Census File Size and Structure

The contents in the tables below were used to help determine the location of the target data in the Census summary files and to ascertain how much physical space the Census data would occupy after downloading. These tables served as a guide to design the configuration of the BRHP Database resource tables.

Variable and Cell Count in 1990 Census Summary Tape Files

1990 Population	Table	# of columns		1990 Population	Table	# of columns	
Population			STF1-1	Employment			
General	P12	200	200	General	P70	8	STF3-2 135
	P12 (cont)	110	STF1-2		P45	3	
	P13	62	132		P77	17	
	P10	10			P78	13	
	P27	12			P79	7	
Education	P54	7			P76	38	
	P57	7		Transportation	P49	13	
Language	P28	30	STF3-1		P53	8	
Residency	P42	9	113		P52	15	
	P36	10			P50	13	
	P43	10		Income			
Disabilities	P66	18		Individual	P93	2	STF3-3 146
	P69	22			P94	2	
Housing					P96	2	
Characteristics	H1	1	STF1-3 196		P95	2	
	H20	10			P97	2	
	H25	8			P89	2	
	H29	12			P117	24	
	H16	9			P122	54	
	H31	6			P127	30	
	H64	2		Household	P80	25	
	H42	2			P80A	1	
	H35	4		Cost of Resid.	H59	30	STF3-4 138
	H30	9			H50	30	
	H37	12			H61	20	
Households	P3	1			H61A	1	
	P16	10			H49	2	
	P17	15			H43	17	
SF1	P27	13			H43A	1	
	H3	2			H47	2	

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	H12	14
	H18A	2
	H18	14
	H22	10
	H9	10
	H11	10
	H10	10
	P28	10
Grandparent	P17	

	H52	21
	H58	12
	H62	2

SF1 STF3

Variable and Cell Count in 2000 Census Summary Files

2000 Population	Table	# of columns		2000 Population	Table	# of columns		2000 Population	Table	# of columns
Population				Grandparent	P9	27			H53	13
General	P12A	49			PCT8	8		SF3-8	H90	32
SF1-1	P12B	49	196		PCT16	34			H98	32
	P12C	49		SF1-4	H16A	19			H94	23
	P12D	49			H16B	19	186		H80	8
	P12E	49			H16C	19			H81	3
SF1-2	P12F	49	196		H16D	19			HCT19	16
	P12G	49			H16E	19				
	P12H	49			H16F	19				
	P12	49			H16G	19				
	P4	11			H16H	19				
	P3	9			P14	16				
SF1-5	P18	19	207	SF3-3	H19	125				
Language	P19	67			HCT11	25	209			
Residency	P21	15			HCT25	15				
	P22	9			HCT26	15				
	P23	10			HCT28	13				
	P24	18			Employment					
Education	P36	47		General	P43	15				
SF3-1	PCT23	39	189	SF3-4	P44	29	199			
	P37	35			P26	5				
Disabilities	P41	19			P49	55				
	P42	49			P50	95				
Housing					P51	65				
Characteristics	H1	1	113	SF3-5	P47	49	198			
SF3-2	H30	11		Transportation	P30	16				
	H34	10			P35	10				
	H38	15			P34	17				
	H23	10			P31	15				
	H41	7			P32	13				
	H47	3			P33	13				

Bi-State Regional Housing Partnership

	H50	3
	H43	28
	H40	10
	H44	15
Households	P15	1
SF1-3	P18	19
	h4	3
	H16	19
	H12	3
	H15	17
	H20	13
	H15A	10
	H15B	10
	H15C	10
	H15D	10
	H15E	10
	H15F	10
	H15G	10
	H15H	10
	H15I	10

200

Income		
Individual	P61	3
SF3-6	P62	3
	P65	3
	P64	3
	P66	3
	P58	3
	P87	17
	P89	39
	P92	59
Household	P52	17
	P53	1
Cost of Resid.	H97	57
SF3-7	H73	50
	H74	25
	H76	1
	H68	3
	H62	24
	H63	1

151

161

SF1

Appendix 6

Sample Scripts

Below are samples of the scripts used to execute downloading of the data from the Census summary files into SPSS.

Examples of the scripts used in SPSS

ORSTF1 FILES (1990)

```
SAVE TRANSLATE OUTFILE='C:\housing data\1990\ORSTF1-2.dbf'  
/TYPE=DB4 /MAP /REPLACE  
/keep=name to sumlev, county, placece, placefp, P12.201 to P12.310, P10.1 to P10.10.
```

ORSF3 Files (2000)

```
SAVE TRANSLATE OUTFILE='C:\housing data\orsf3a-1.dbf'  
/TYPE=DB4 /MAP /REPLACE  
/keep=name to sumlev, placefp, p036001 to p037035, pc23001 to pc23039, p041001 to p042049.
```